Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030451.D
Acq On : 21 Mar 2024 17:51
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 21 23:56:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 23:54:14 2024
Response via : Initial Calibration

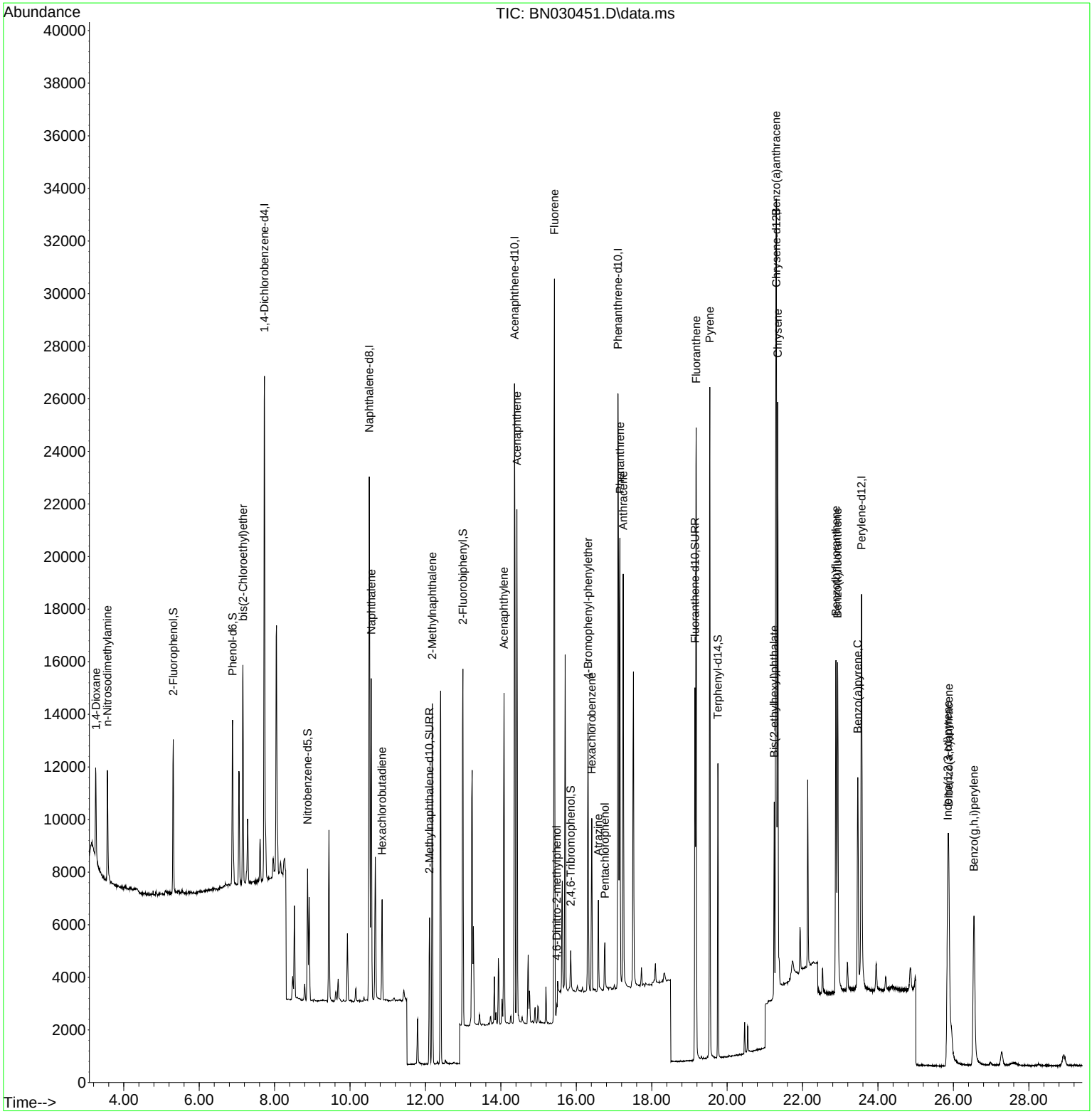
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	9433	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	25734	0.400	ng		0.00
13) Acenaphthene-d10	14.361	164	13412	0.400	ng		0.00
19) Phenanthrene-d10	17.106	188	30167	0.400	ng		0.00
29) Chrysene-d12	21.304	240	21703	0.400	ng		0.00
35) Perylene-d12	23.563	264	20689	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	4724	0.203	ng		0.00
5) Phenol-d6	6.887	99	5998	0.197	ng		0.00
8) Nitrobenzene-d5	8.875	82	3897	0.197	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	7516	0.201	ng		0.00
14) 2,4,6-Tribromophenol	15.853	330	865	0.177	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	11995	0.207	ng		0.00
27) Fluoranthene-d10	19.145	212	14770	0.196	ng		0.00
31) Terphenyl-d14	19.754	244	9768	0.201	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2434	0.200	ng		96
3) n-Nitrosodimethylamine	3.564	42	2407	0.205	ng	#	99
6) bis(2-Chloroethyl)ether	7.161	93	6037	0.207	ng		99
9) Naphthalene	10.562	128	15074	0.203	ng		99
10) Hexachlorobutadiene	10.850	225	2923	0.211	ng	#	99
12) 2-Methylnaphthalene	12.182	142	9558	0.201	ng		99
16) Acenaphthylene	14.083	152	13323	0.193	ng		99
17) Acenaphthene	14.425	154	9092	0.197	ng		99
18) Fluorene	15.420	166	12264	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.484	198	398	0.262	ng	#	48
21) 4-Bromophenyl-phenylether	16.312	248	3892	0.199	ng		98
22) Hexachlorobenzene	16.411	284	4771	0.202	ng		99
23) Atrazine	16.585	200	2575	0.183	ng		97
24) Pentachlorophenol	16.759	266	1055	0.294	ng		94
25) Phenanthrene	17.156	178	19271	0.200	ng		100
26) Anthracene	17.243	178	16370	0.193	ng		99
28) Fluoranthene	19.178	202	21407	0.196	ng		100
30) Pyrene	19.540	202	21920	0.202	ng		100
32) Benzo(a)anthracene	21.295	228	16690	0.190	ng		99
33) Chrysene	21.340	228	18345	0.197	ng		99
34) Bis(2-ethylhexyl)phtha...	21.250	149	6619	0.178	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.850	276	14401	0.172	ng		98
37) Benzo(b)fluoranthene	22.885	252	16514	0.182	ng		95
38) Benzo(k)fluoranthene	22.929	252	16902	0.187	ng	#	95
39) Benzo(a)pyrene	23.464	252	12549	0.179	ng	#	93
40) Dibenzo(a,h)anthracene	25.876	278	11399	0.169	ng		94
41) Benzo(g,h,i)perylene	26.542	276	13278	0.179	ng		99

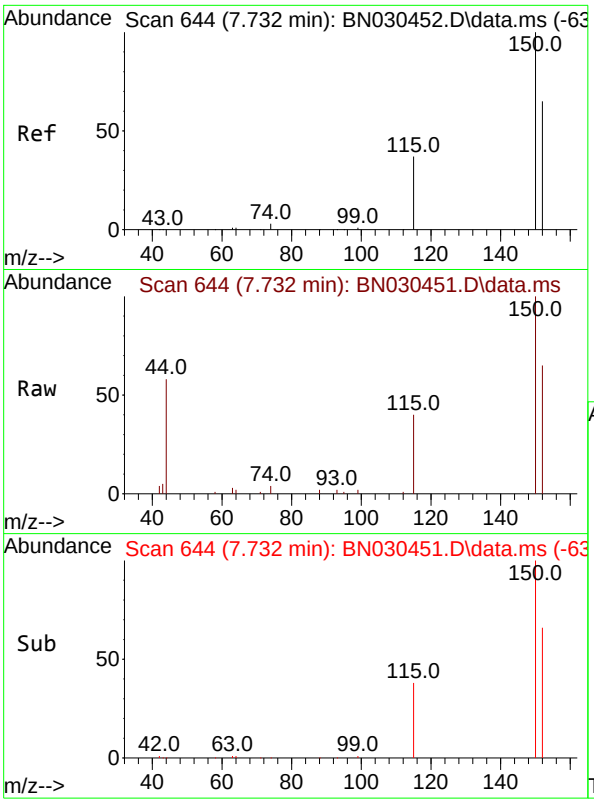
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030451.D
Acq On : 21 Mar 2024 17:51
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 21 23:56:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 23:54:14 2024
Response via : Initial Calibration



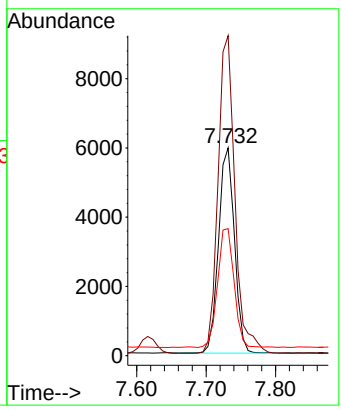


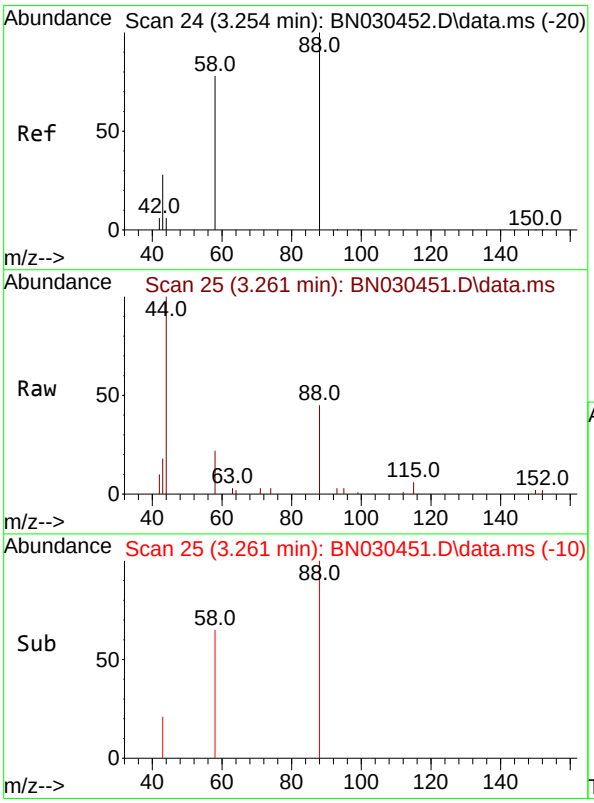
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 9433

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.2	183.4
115	61.2	48.2	72.4

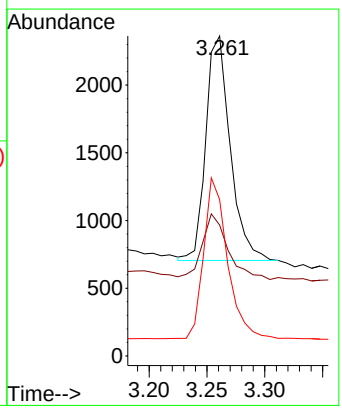


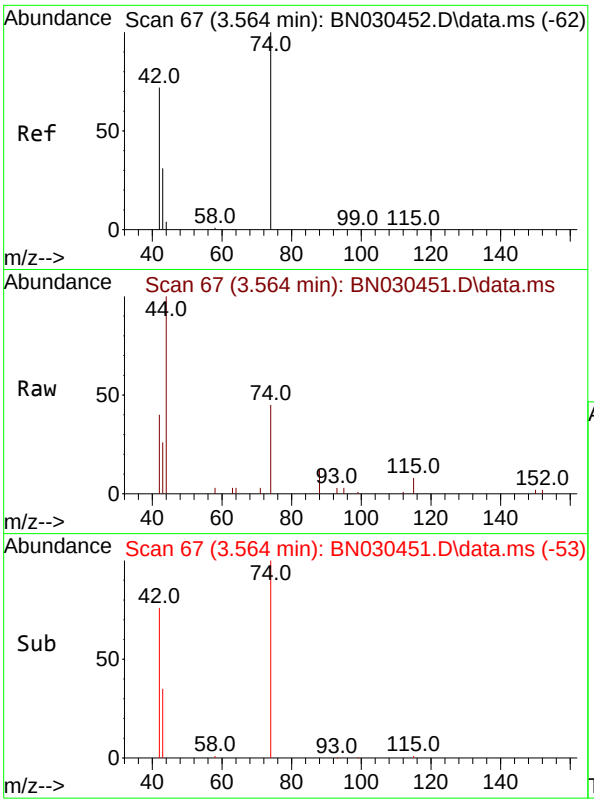


#2
1,4-Dioxane
Concen: 0.200 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.007 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion: 88 Resp: 2434

Ion	Ratio	Lower	Upper
88	100		
43	30.7	21.8	32.6
58	69.2	53.9	80.9



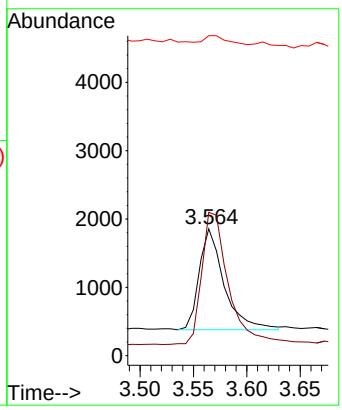


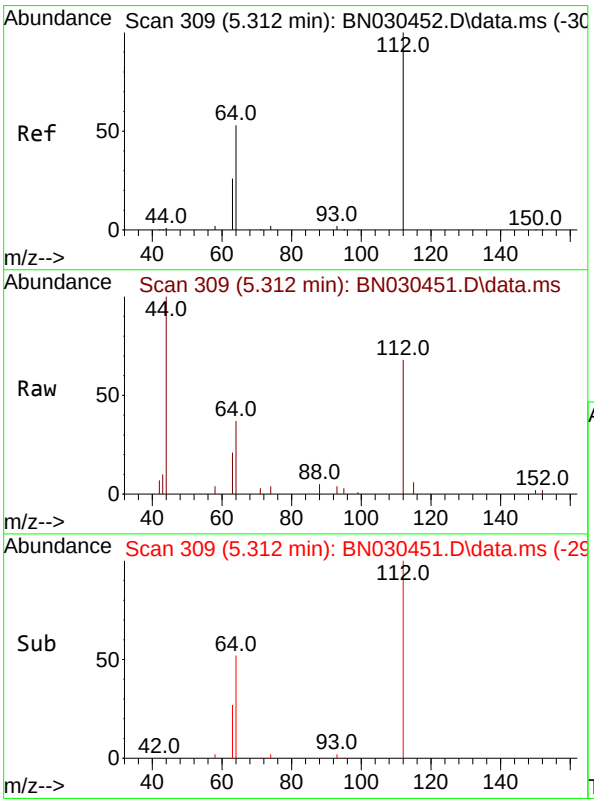
#3
n-Nitrosodimethylamine
Concen: 0.205 ng
RT: 3.564 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 2407

Ion	Ratio	Lower	Upper
42	100		
74	140.6	112.6	169.0
44	7.8	9.9	14.9#

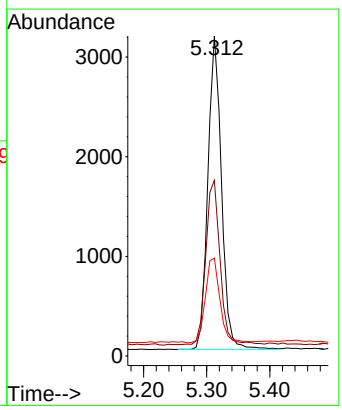


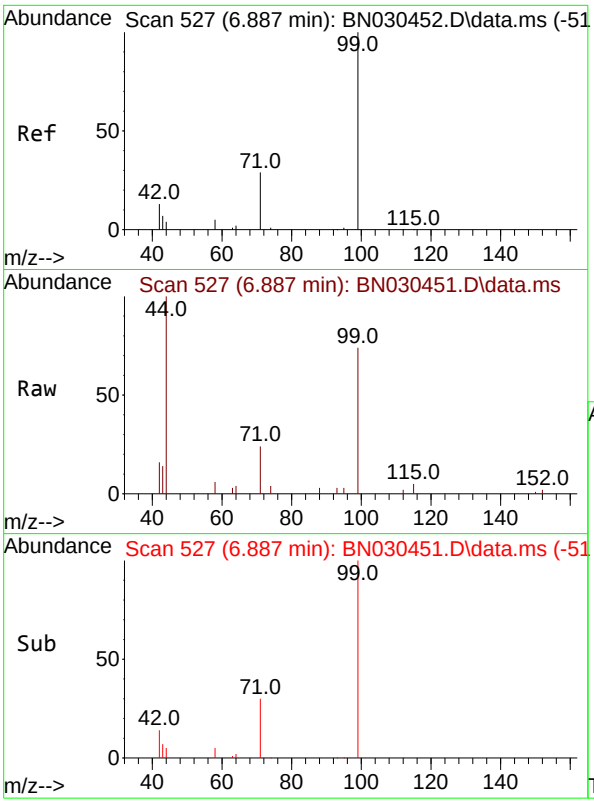


#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:112 Resp: 4724

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.2	66.2
63	28.9	23.0	34.4



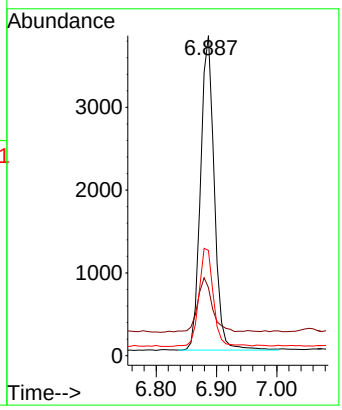


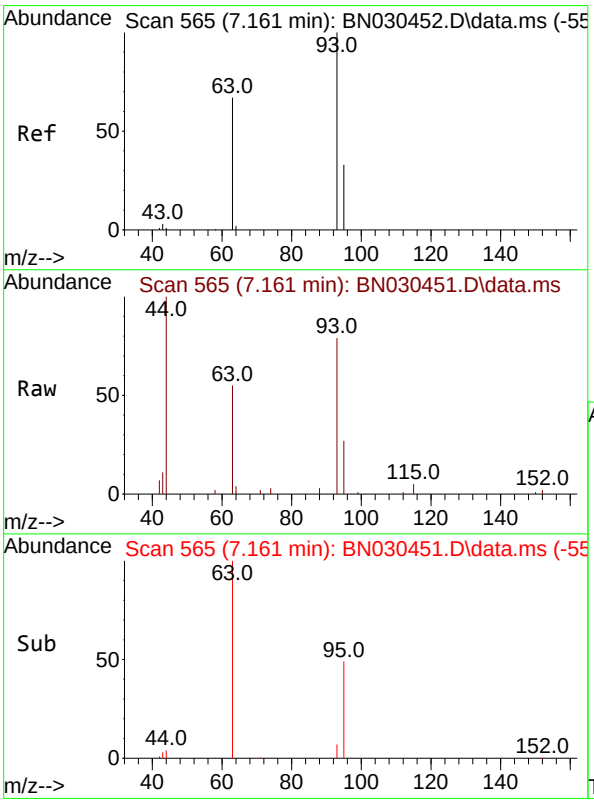
#5
Phenol-d6
Concen: 0.197 ng
RT: 6.887 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 5998

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.9	20.9
71	32.6	25.4	38.0

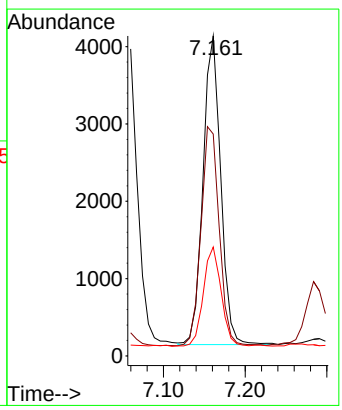


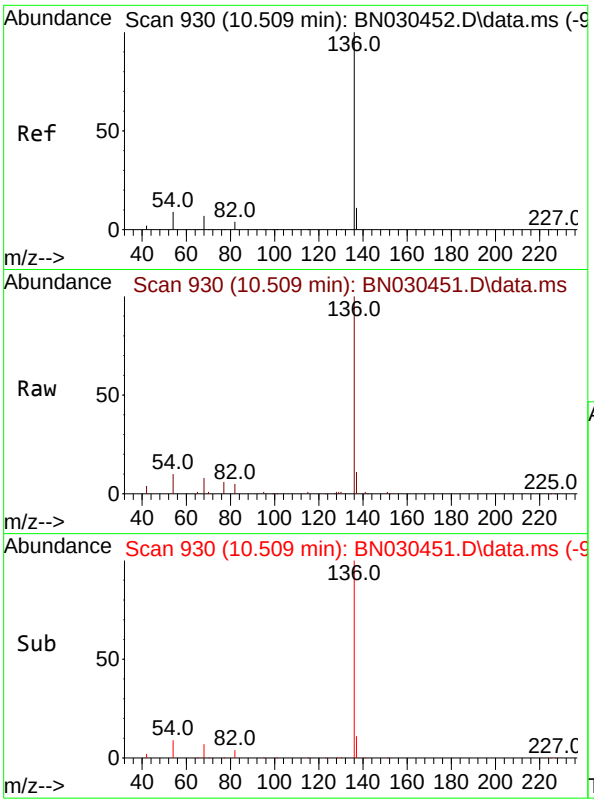


#6
bis(2-Chloroethyl)ether
Concen: 0.207 ng
RT: 7.161 min Scan# 565
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion: 93 Resp: 6037

Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.6	87.8
95	32.4	26.3	39.5



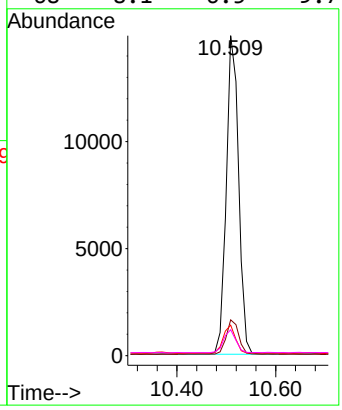


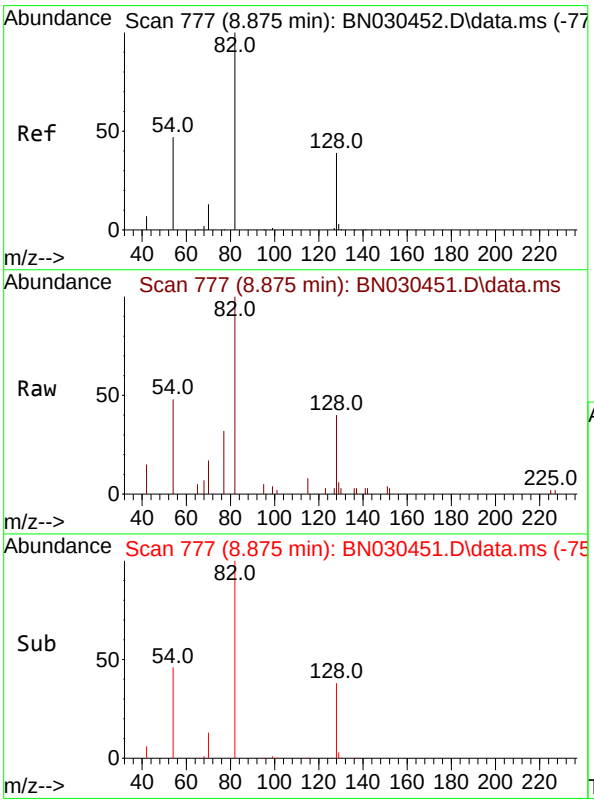
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 25734

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	7.4	11.0
68	8.1	6.5	9.7

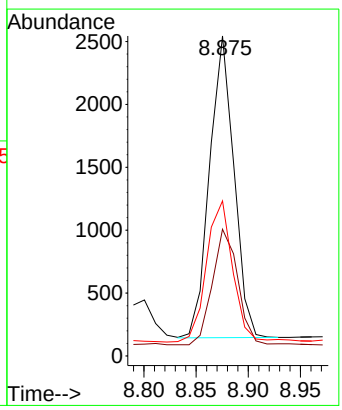


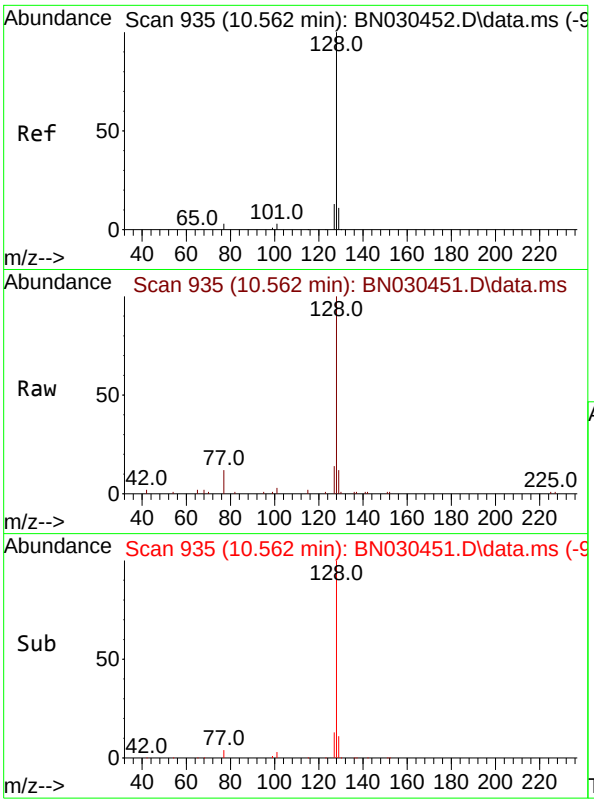


#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion: 82 Resp: 3897

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.8	47.8
54	48.5	38.8	58.2



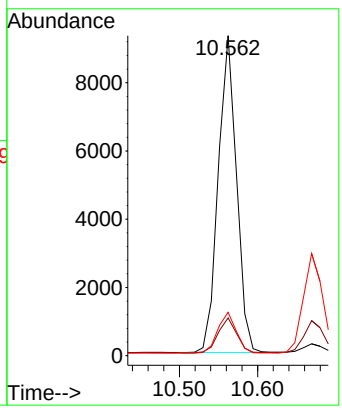


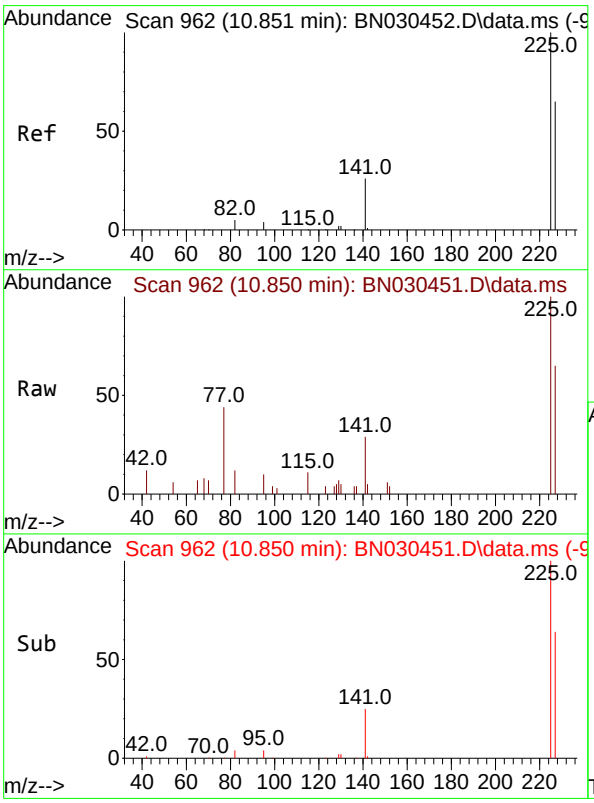
#9
Naphthalene
Concen: 0.203 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 15074

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.6	10.4	15.6

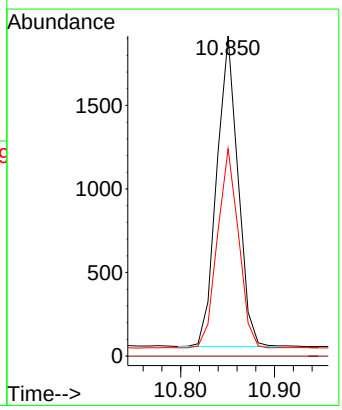


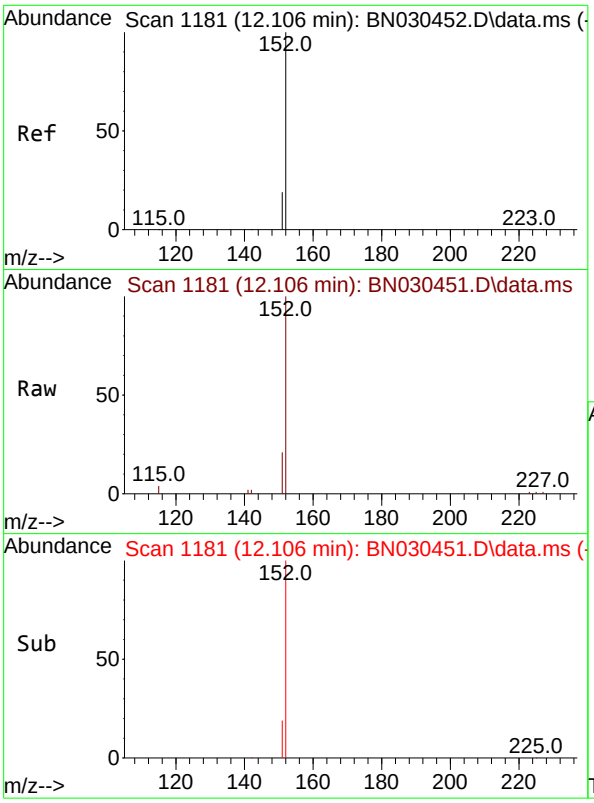


#10
Hexachlorobutadiene
Concen: 0.211 ng
RT: 10.850 min Scan# 962
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:225 Resp: 2923

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.8	77.8



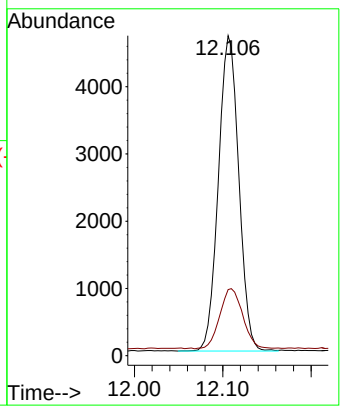


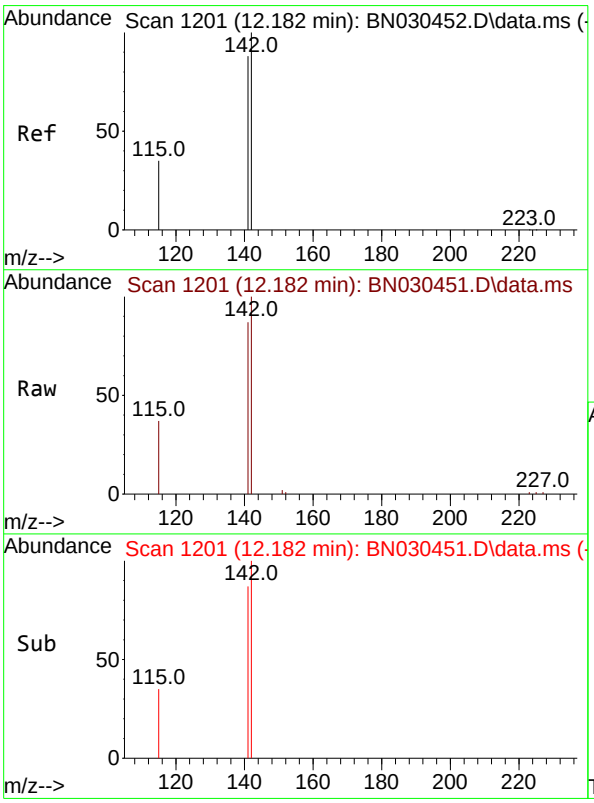
#11
2-Methylnaphthalene-d10
Concen: 0.201 ng
RT: 12.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 7516

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.6

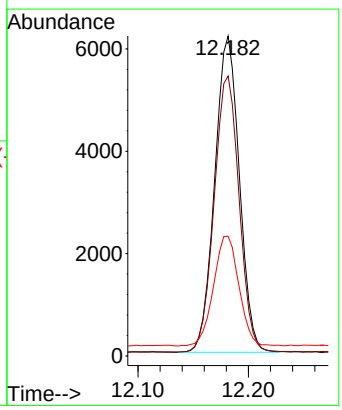


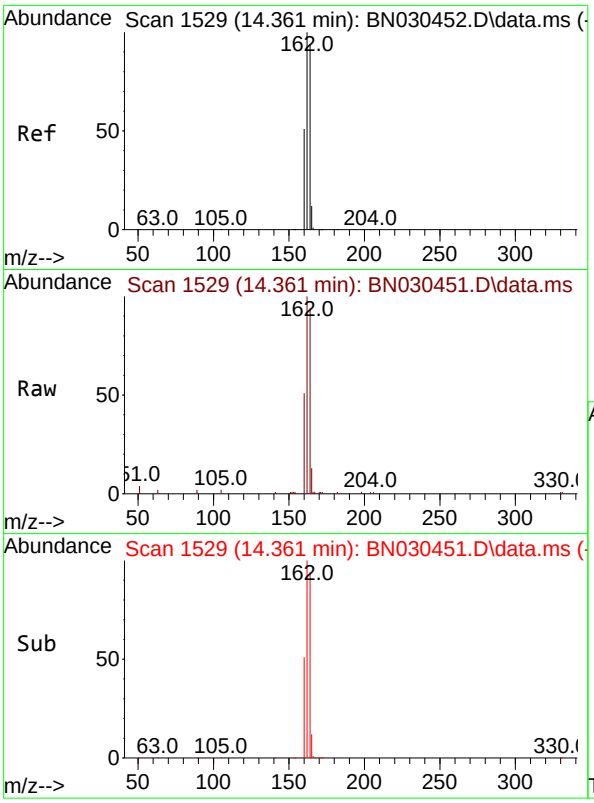


#12
2-Methylnaphthalene
Concen: 0.201 ng
RT: 12.182 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:142 Resp: 9558

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.5	105.7
115	37.4	29.2	43.8



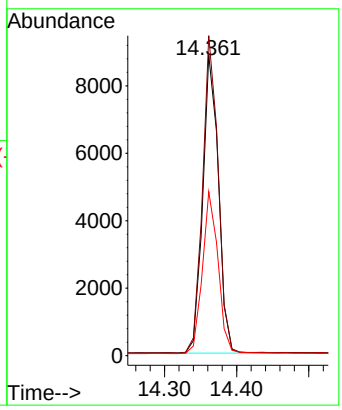


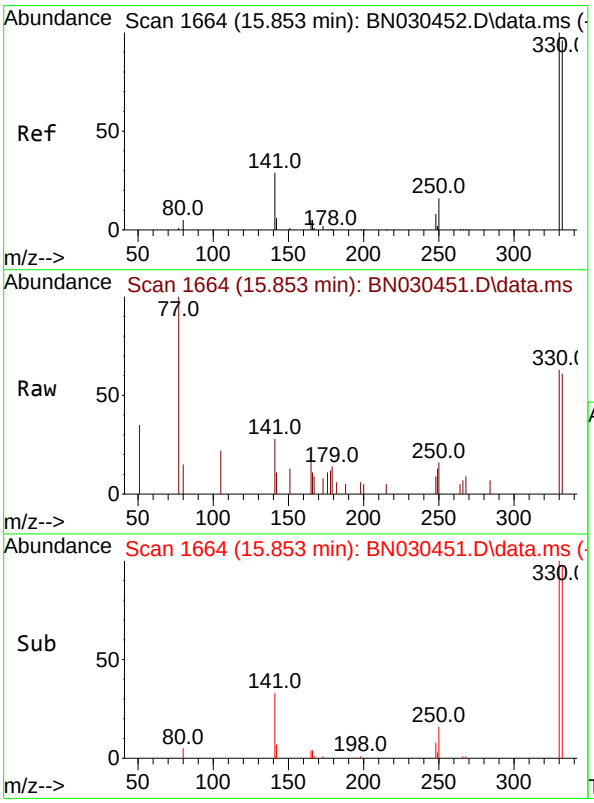
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.361 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 13412

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.4	128.2
160	54.6	43.4	65.2

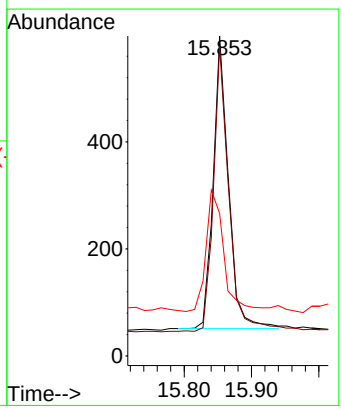


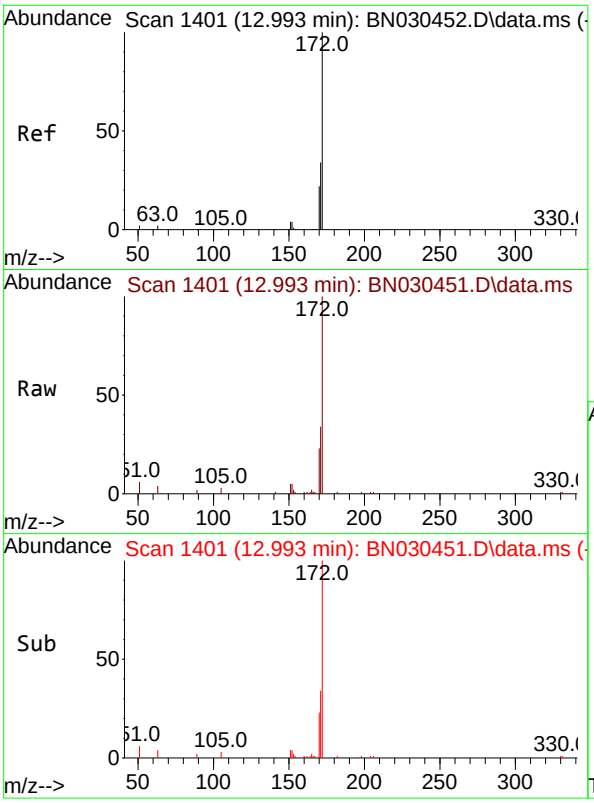


#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 15.853 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:330 Resp: 865

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	47.9	36.2	54.4



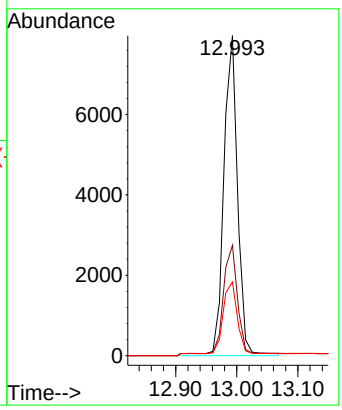


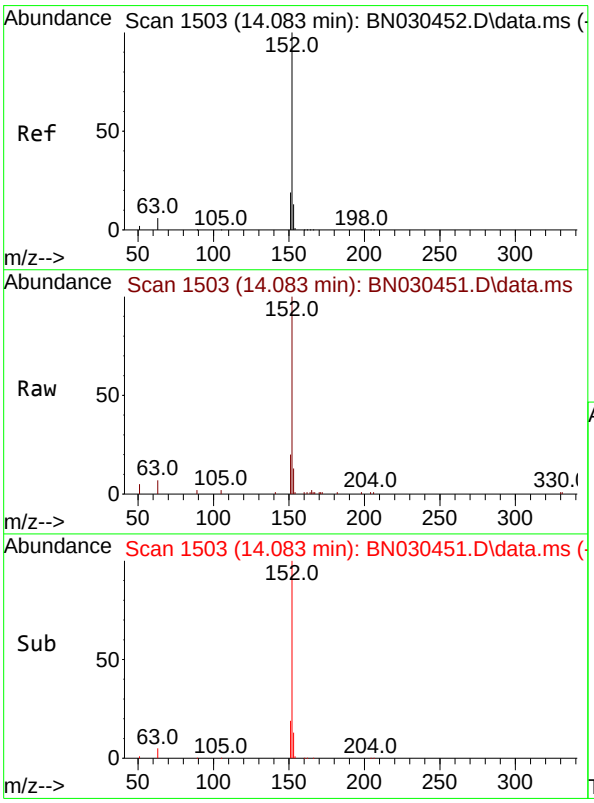
#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 12.993 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 11995

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.4	41.2
170	23.1	18.1	27.1

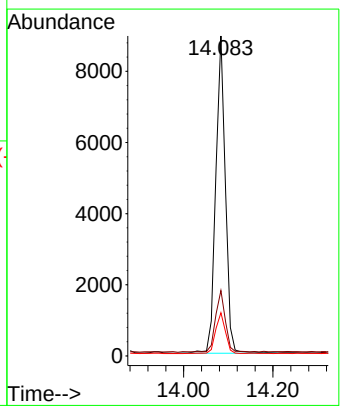


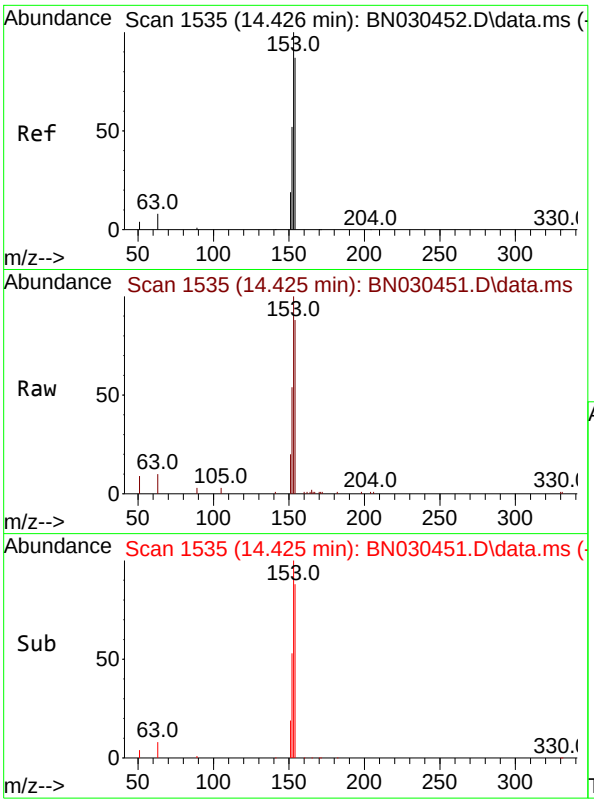


#16
Acenaphthylene
Concen: 0.193 ng
RT: 14.083 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:152 Resp: 13323

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.2	10.3	15.5



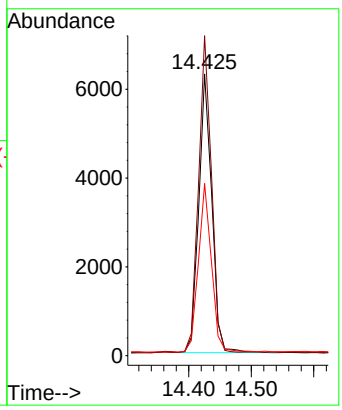


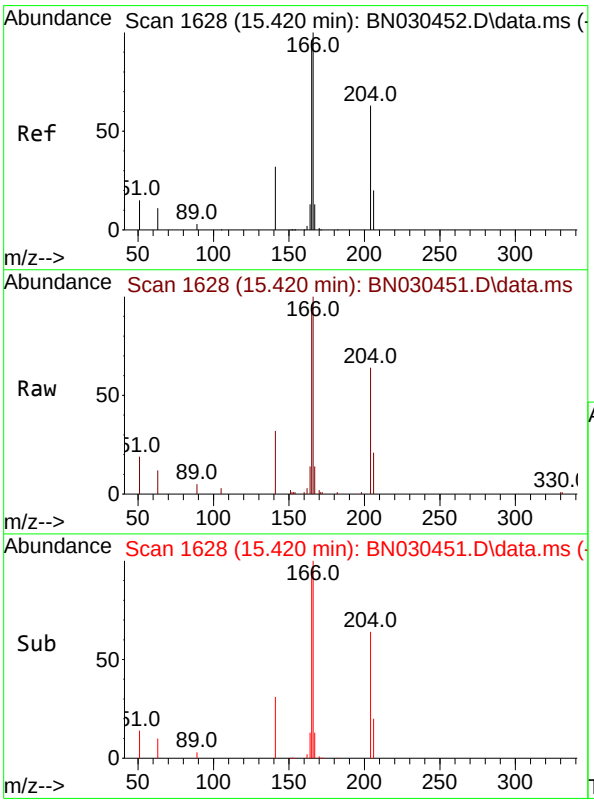
#17
Acenaphthene
Concen: 0.197 ng
RT: 14.425 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 9092

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.3	133.9
152	60.6	47.4	71.2

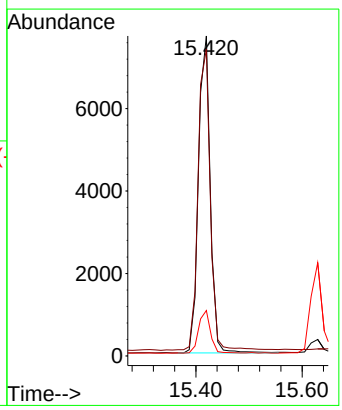


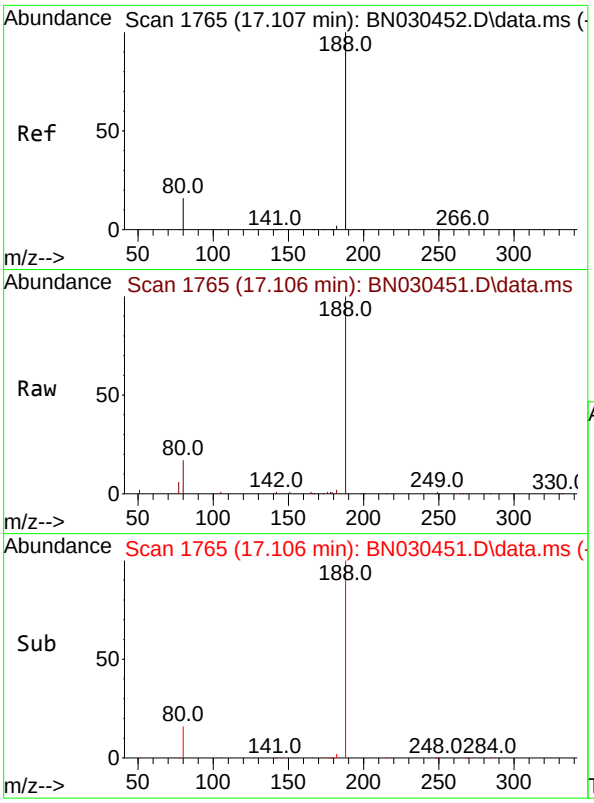


#18
Fluorene
Concen: 0.199 ng
RT: 15.420 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:166 Resp: 12264

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.6
167	13.1	10.6	16.0



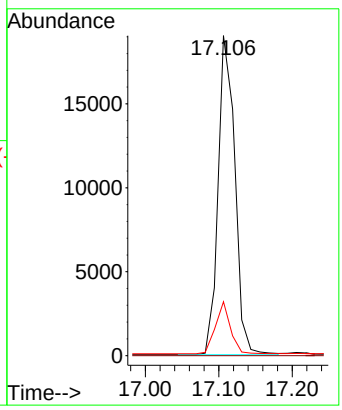


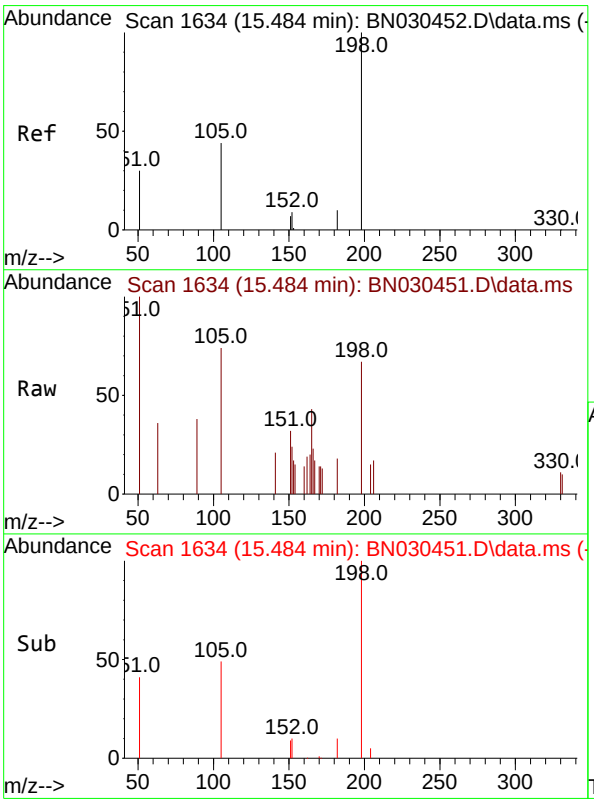
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 30167

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.9	13.6	20.4

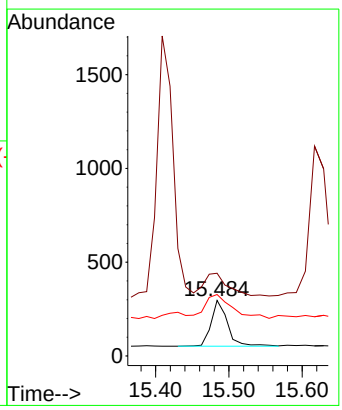


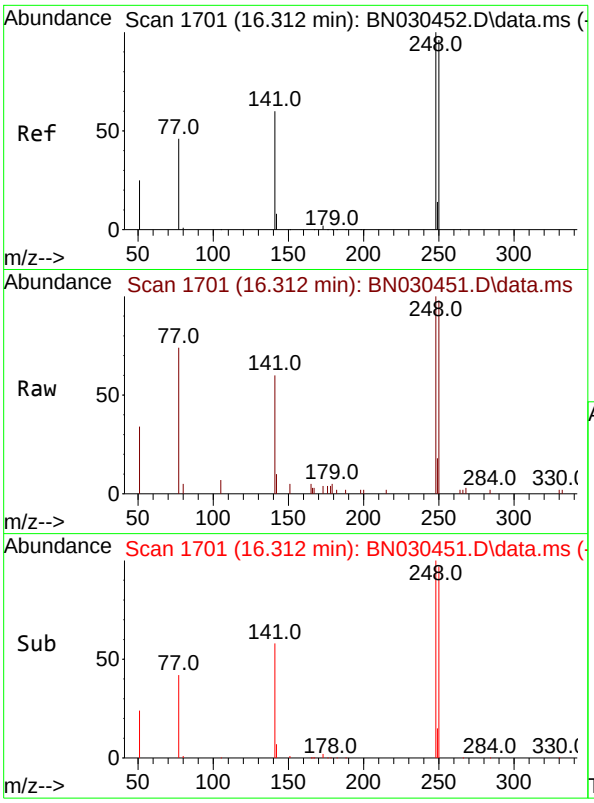


#20
4,6-Dinitro-2-methylphenol
Concen: 0.262 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:198 Resp: 398

Ion	Ratio	Lower	Upper
198	100		
51	149.0	72.6	108.8#
105	110.8	60.3	90.5#



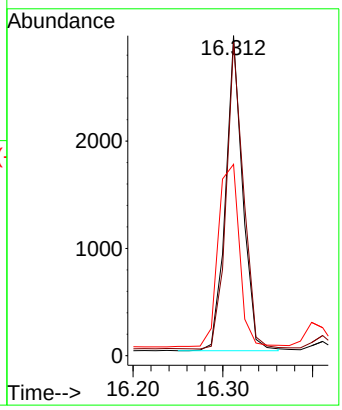


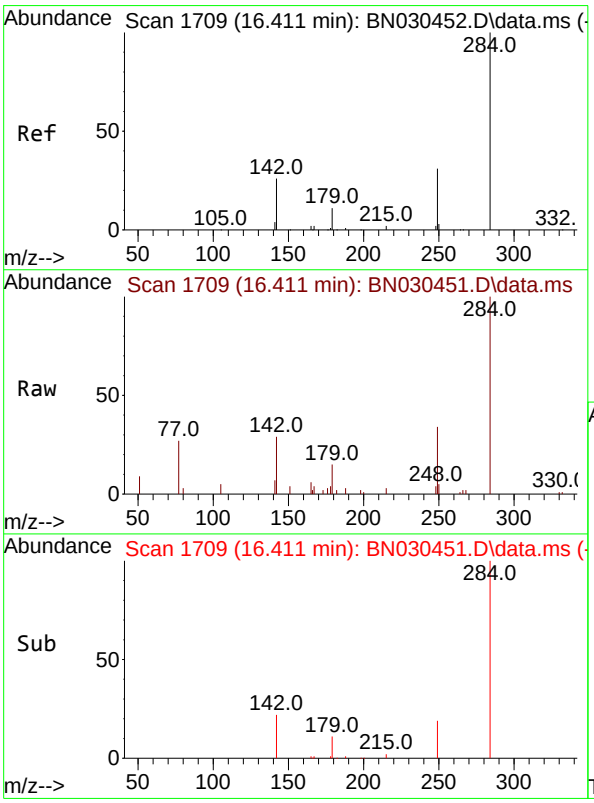
#21
4-Bromophenyl-phenylether
Concen: 0.199 ng
RT: 16.312 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 3892

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.6
141	59.8	49.2	73.8

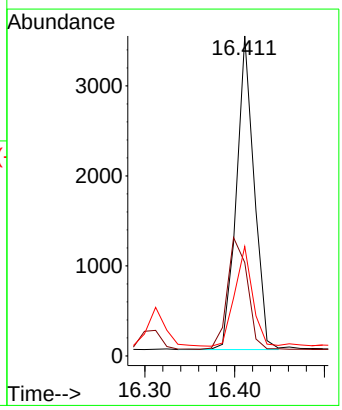


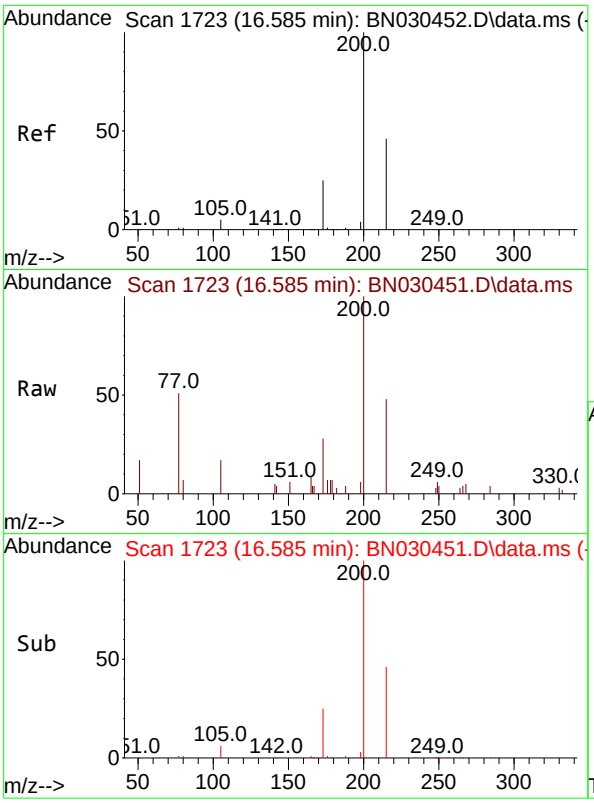


#22
Hexachlorobenzene
Concen: 0.202 ng
RT: 16.411 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:284 Resp: 4771

Ion	Ratio	Lower	Upper
284	100		
142	40.5	31.8	47.8
249	31.9	25.2	37.8



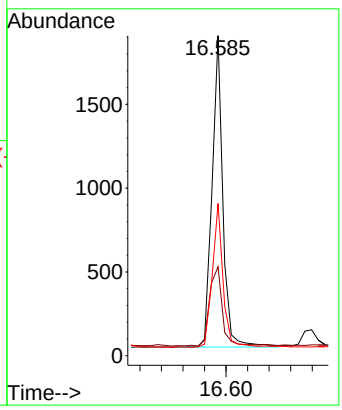


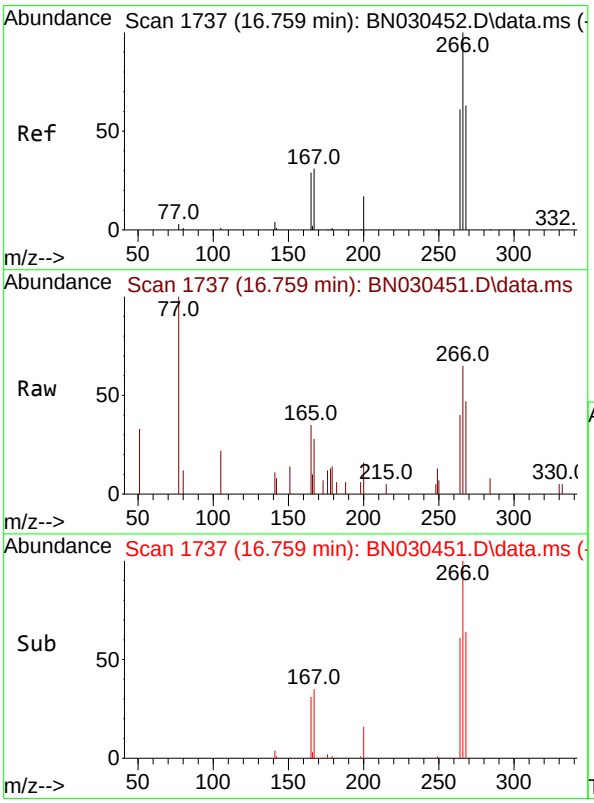
#23
Atrazine
Concen: 0.183 ng
RT: 16.585 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 2575

Ion	Ratio	Lower	Upper
200	100		
173	27.8	20.6	31.0
215	47.5	37.1	55.7

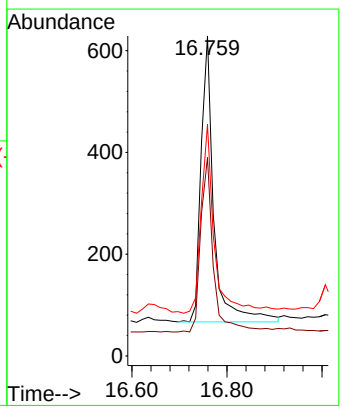


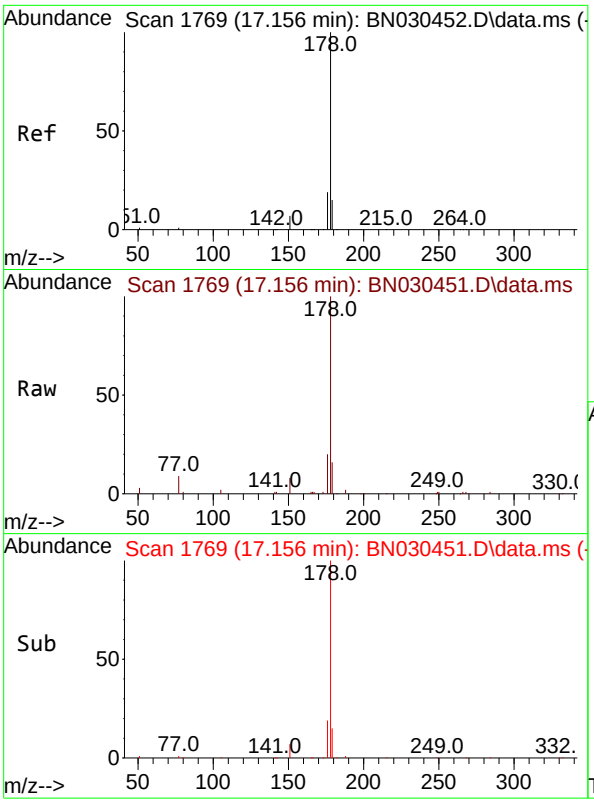


#24
Pentachlorophenol
Concen: 0.294 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:266 Resp: 1055

Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.8	74.6
268	69.2	49.3	73.9



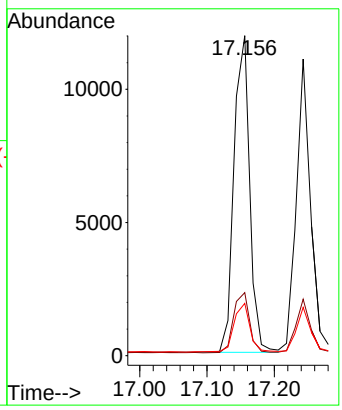


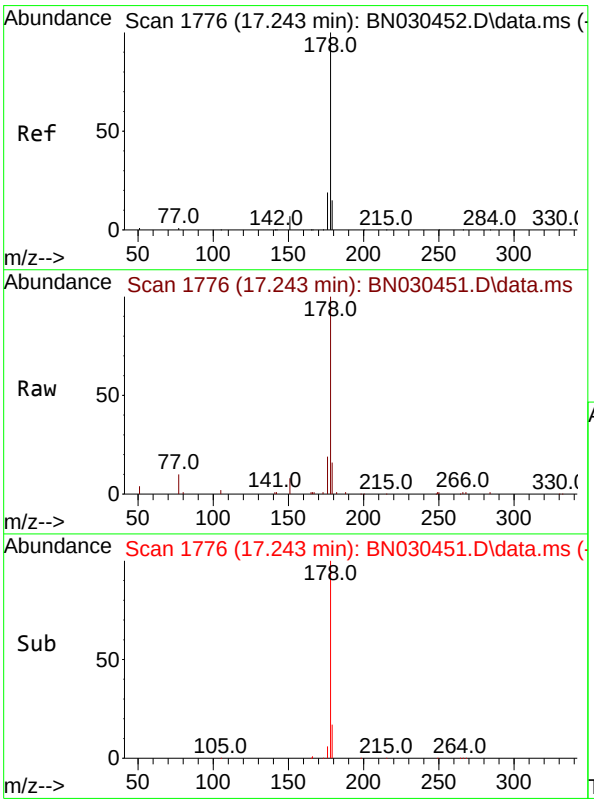
#25
Phenanthrene
Concen: 0.200 ng
RT: 17.156 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 19271

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.3	18.5

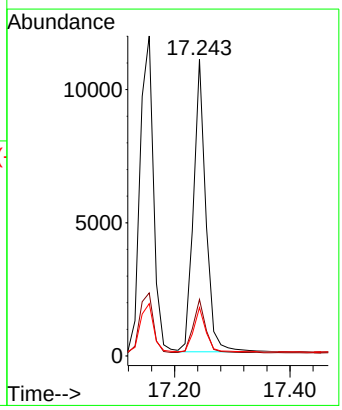


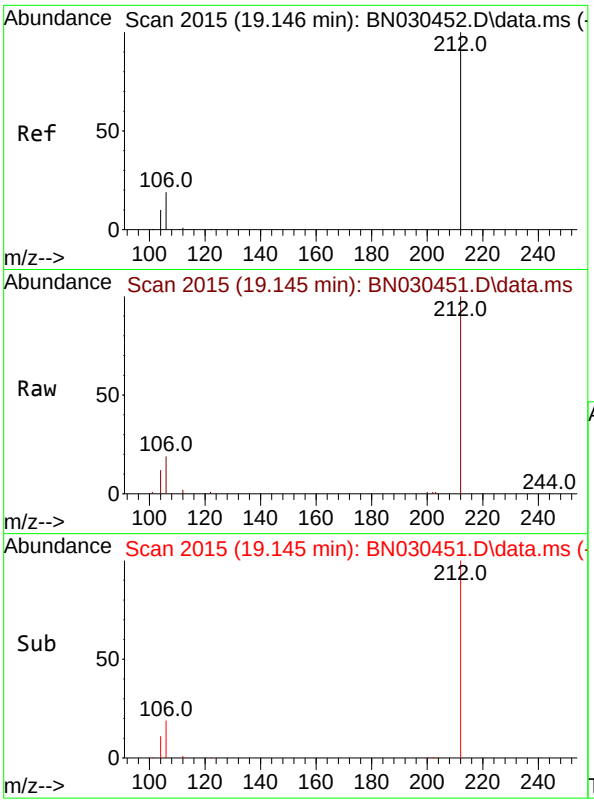


#26
Anthracene
Concen: 0.193 ng
RT: 17.243 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:178 Resp: 16370

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.2	18.2



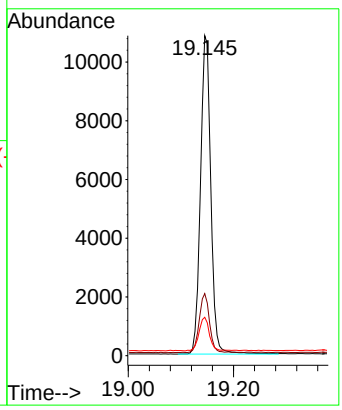


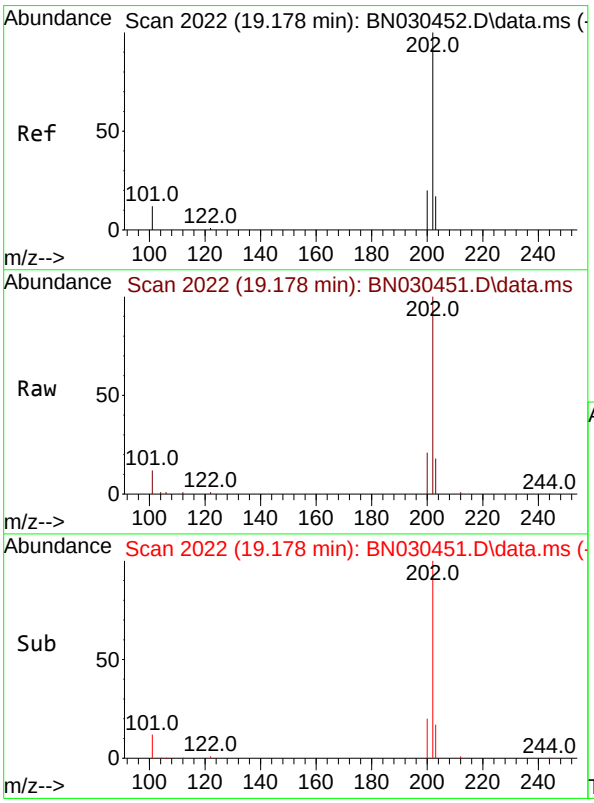
#27
Fluoranthene-d10
Concen: 0.196 ng
RT: 19.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 14770

Ion	Ratio	Lower	Upper
212	100		
106	18.7	14.7	22.1
104	10.5	8.3	12.5

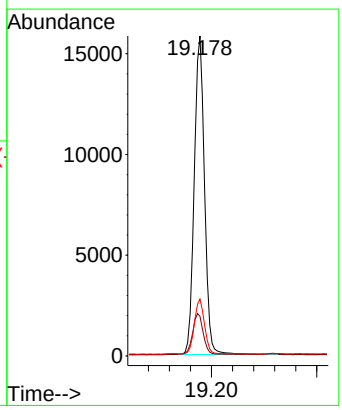


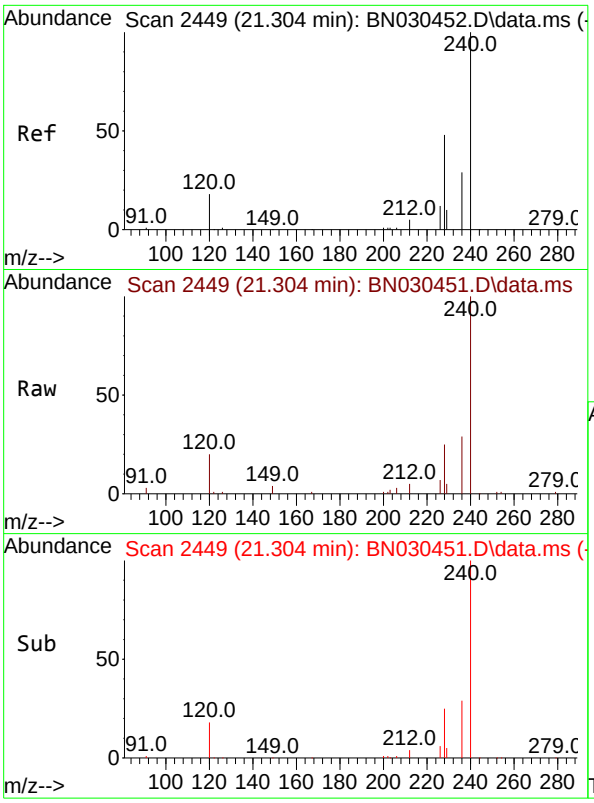


#28
Fluoranthene
Concen: 0.196 ng
RT: 19.178 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:202 Resp: 21407

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.7	16.1
203	17.0	13.6	20.4



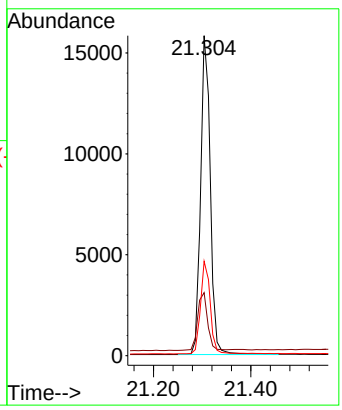


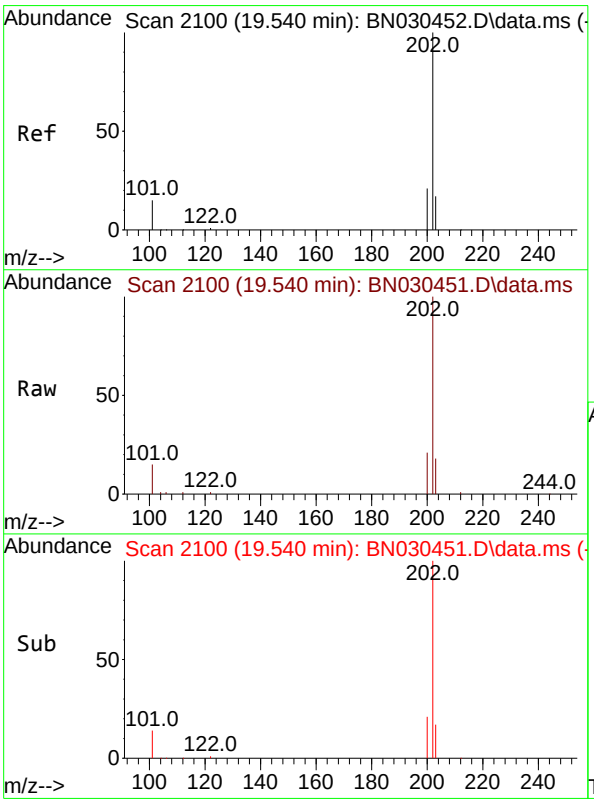
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 21703

Ion	Ratio	Lower	Upper
240	100		
120	19.7	15.9	23.9
236	29.5	23.8	35.6

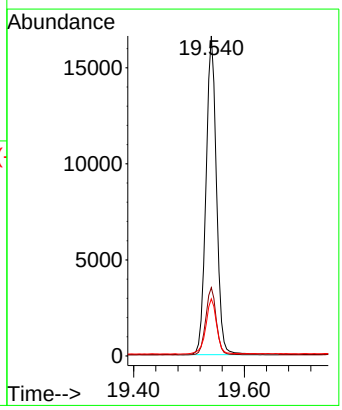


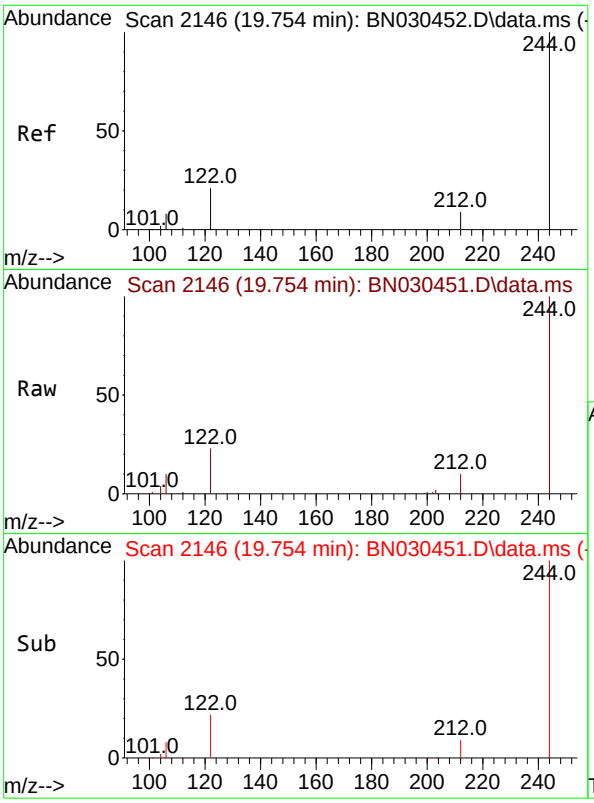


#30
Pyrene
Concen: 0.202 ng
RT: 19.540 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:202 Resp: 21920

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.8	14.1	21.1



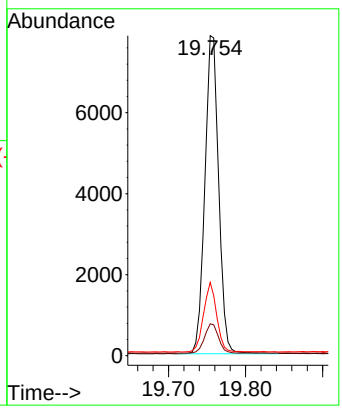


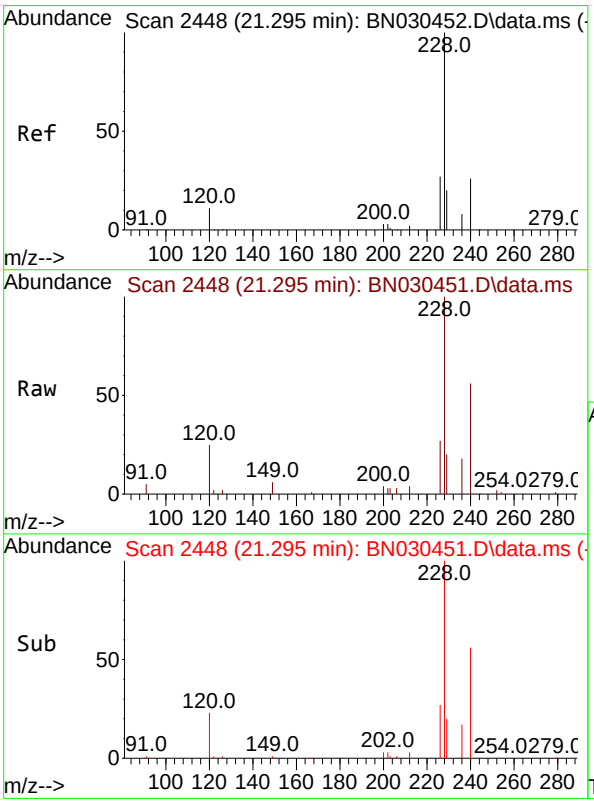
#31
Terphenyl-d14
Concen: 0.201 ng
RT: 19.754 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 9768

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.8	11.6
122	22.9	17.1	25.7

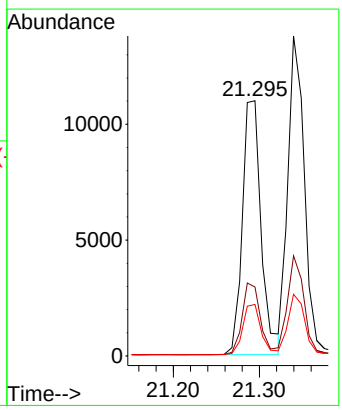


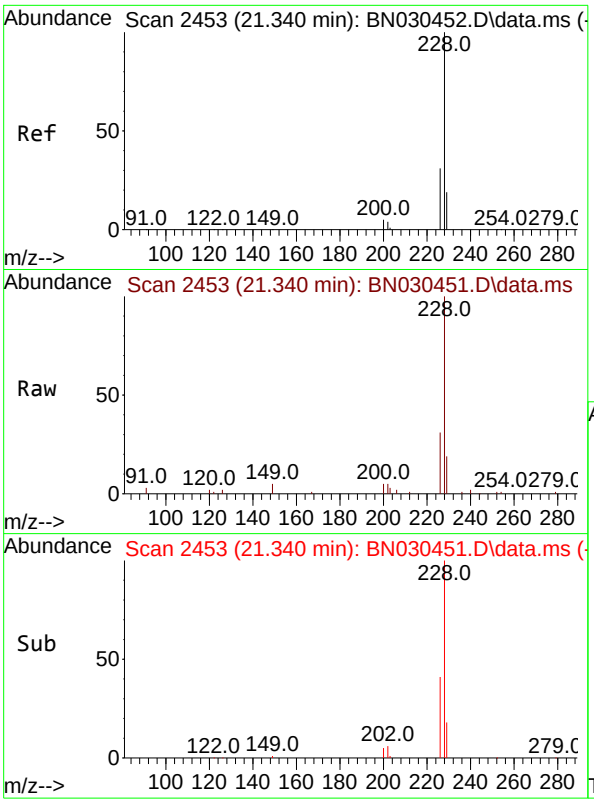


#32
Benzo(a)anthracene
Concen: 0.190 ng
RT: 21.295 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:228 Resp: 16690

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	20.2	15.8	23.6



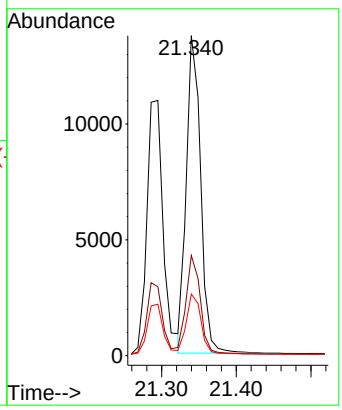


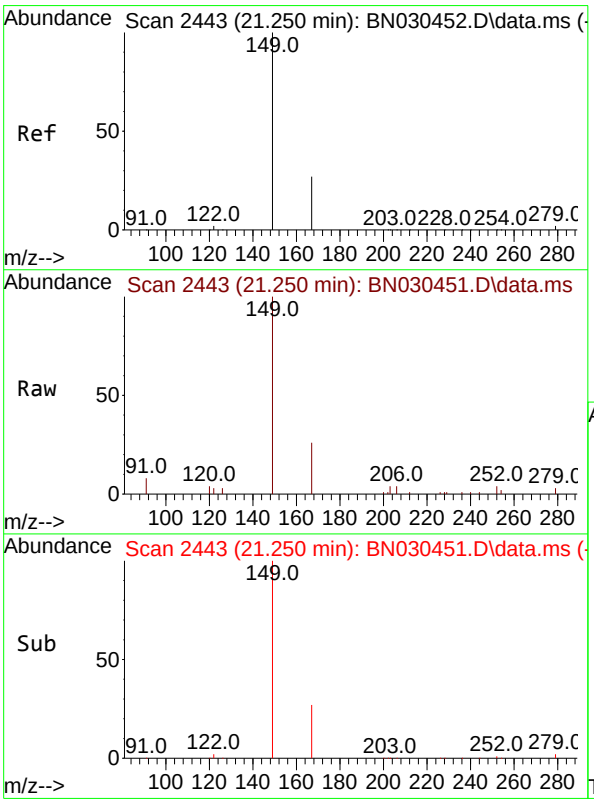
#33
Chrysene
Concen: 0.197 ng
RT: 21.340 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 18345

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	19.3	15.2	22.8

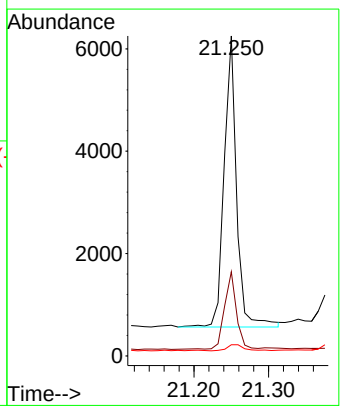


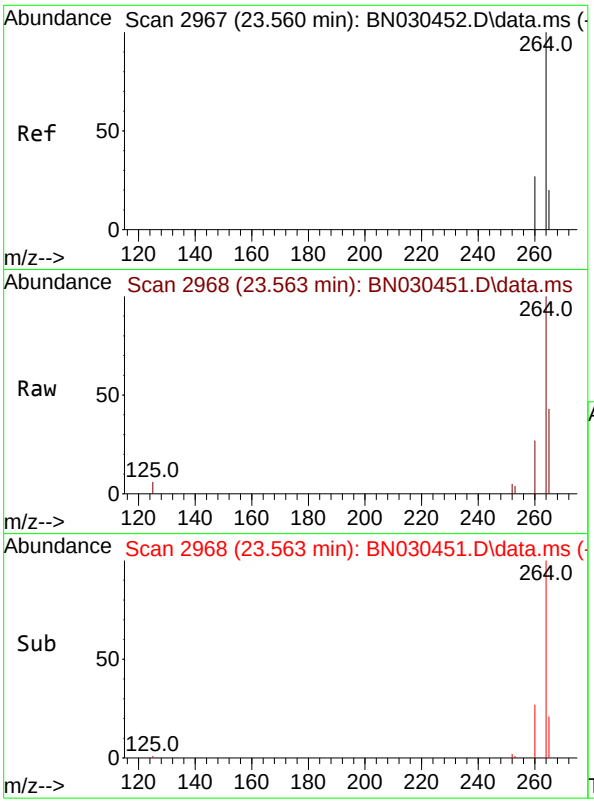


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.178 ng
RT: 21.250 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:149 Resp: 6619

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.2	31.8
279	2.9	1.8	2.8#



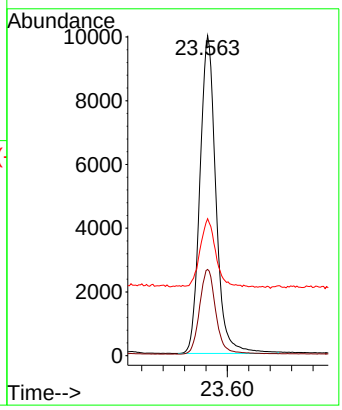


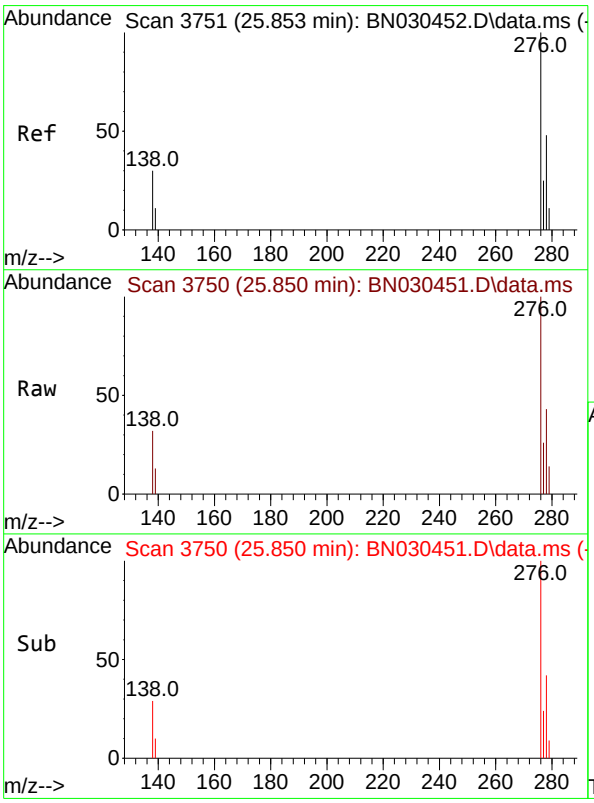
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.563 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 20689

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.9	32.9
265	42.8	32.6	48.8

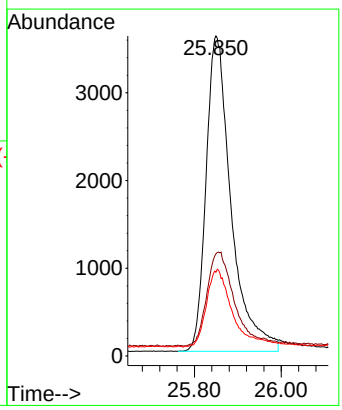


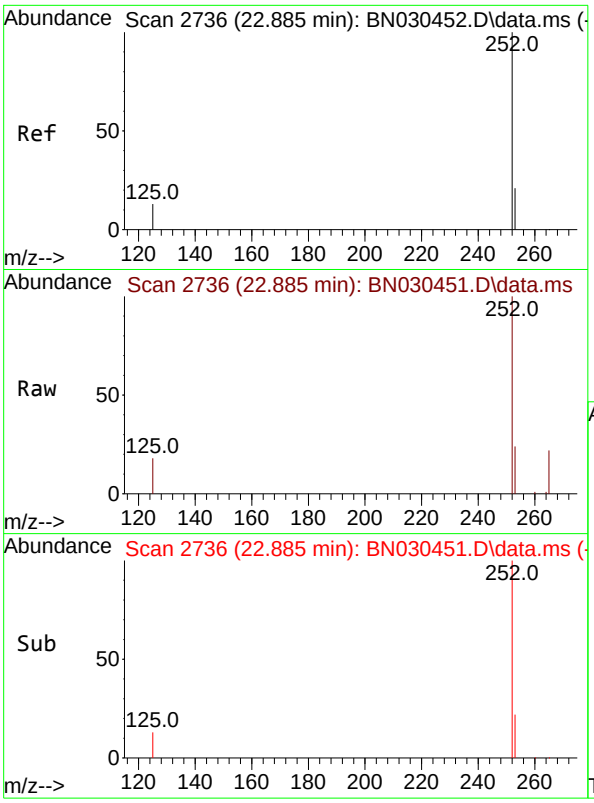


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng
RT: 25.850 min Scan# 3750
Delta R.T. -0.003 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:276 Resp: 14401

Ion	Ratio	Lower	Upper
276	100		
138	31.7	24.8	37.2
277	25.2	19.1	28.7



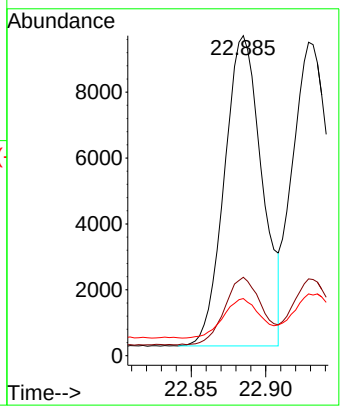


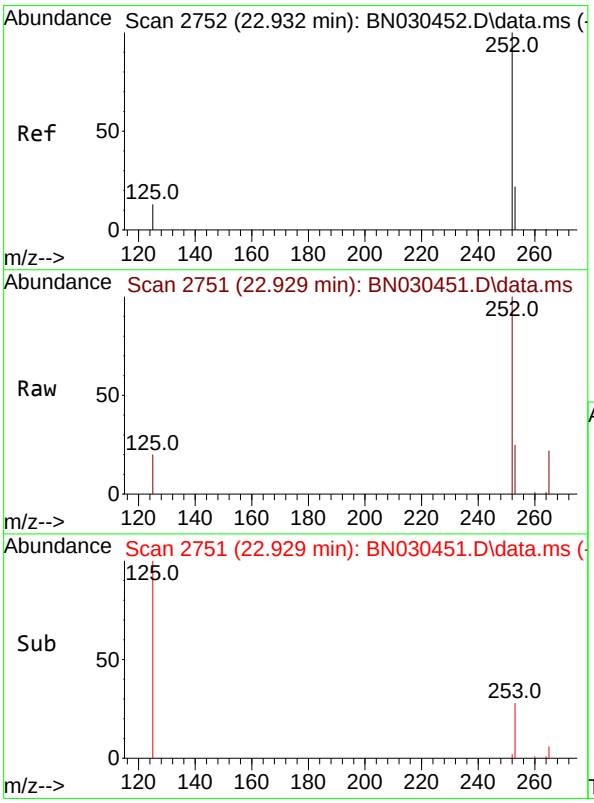
#37
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 22.885 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 16514

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	17.9	12.0	18.0

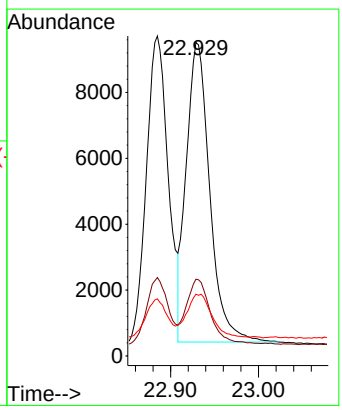


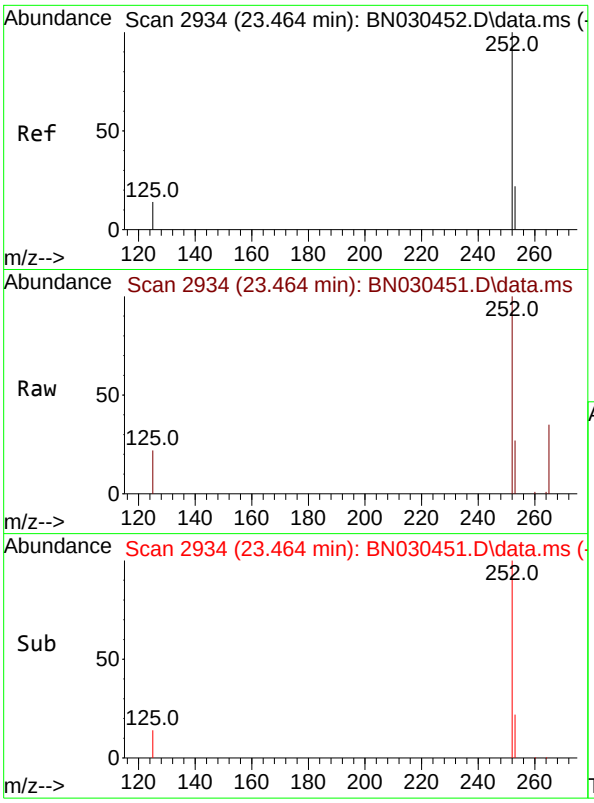


#38
Benzo(k)fluoranthene
Concen: 0.187 ng
RT: 22.929 min Scan# 2751
Delta R.T. -0.003 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:252 Resp: 16902

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.7	28.1
125	19.7	12.6	19.0#



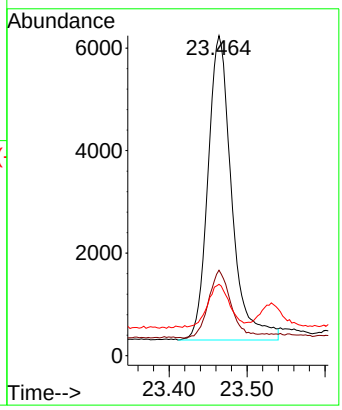


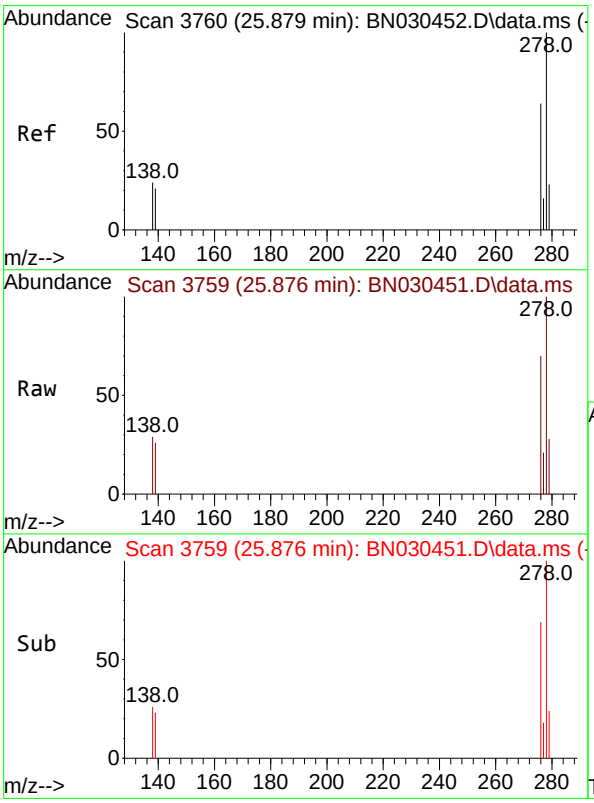
#39
Benzo(a)pyrene
Concen: 0.179 ng
RT: 23.464 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 12549

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.4	29.0
125	22.3	14.6	22.0#

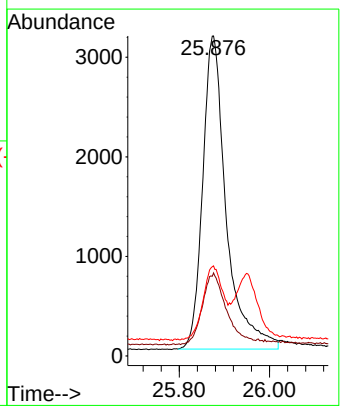


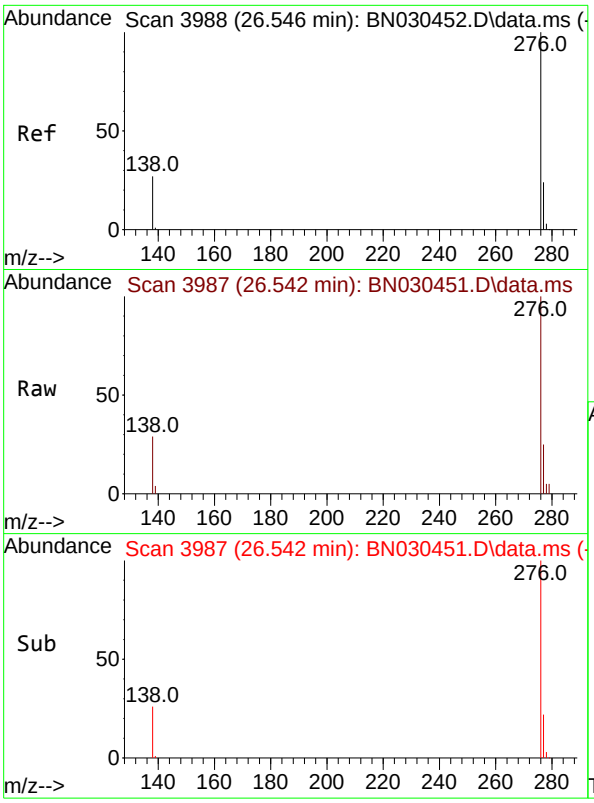


#40
Dibenzo(a,h)anthracene
Concen: 0.169 ng
RT: 25.876 min Scan# 3759
Delta R.T. -0.003 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Tgt Ion:278 Resp: 11399

Ion	Ratio	Lower	Upper
278	100		
139	25.9	18.2	27.2
279	28.2	20.2	30.2





#41
Benzo(g,h,i)perylene
Concen: 0.179 ng
RT: 26.542 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030451.D
Acq: 21 Mar 2024 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 13278

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.0	30.0
138	29.3	22.8	34.2