Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030966.D
Acq On : 16 Apr 2024 10:53
Operator : MA/JU
Sample : PB159883BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Quant Time: Apr 16 11:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	3753	0.400	ng		0.00
7) Naphthalene-d8	10.421	136	11175	0.400	ng		#-0.01
13) Acenaphthene-d10	14.284	164	6218	0.400	ng		-0.01
19) Phenanthrene-d10	17.040	188	14413	0.400	ng		0.00
29) Chrysene-d12	21.231	240	12458	0.400	ng		# 0.00
35) Perylene-d12	23.451	264	12251	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	3092	0.370	ng		0.00
5) Phenol-d6	6.823	99	3664	0.362	ng		0.00
8) Nitrobenzene-d5	8.798	82	2814	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	12.020	152	6427	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	792	0.328	ng		0.00
15) 2-Fluorobiphenyl	12.905	172	7578	0.363	ng		0.00
27) Fluoranthene-d10	19.075	212	14315	0.369	ng		0.00
31) Terphenyl-d14	19.679	244	10858	0.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	1654	0.358	ng		97
3) n-Nitrosodimethylamine	3.508	42	1518	0.351	ng	#	95
6) bis(2-Chloroethyl)ether	7.083	93	3450	0.344	ng		99
9) Naphthalene	10.474	128	11846	0.384	ng		100
10) Hexachlorobutadiene	10.752	225	2438	0.394	ng	#	99
12) 2-Methylnaphthalene	12.096	142	7634	0.373	ng		98
16) Acenaphthylene	14.006	152	9842	0.359	ng		100
17) Acenaphthene	14.348	154	7389	0.382	ng		99
18) Fluorene	15.342	166	9588	0.375	ng		100
20) 4,6-Dinitro-2-methylph...	15.428	198	559	0.359	ng		92
21) 4-Bromophenyl-phenylether	16.233	248	3115	0.364	ng	#	88
22) Hexachlorobenzene	16.333	284	3853	0.385	ng		100
23) Atrazine	16.506	200	2100	0.339	ng		95
24) Pentachlorophenol	16.693	266	1006	0.381	ng		99
25) Phenanthrene	17.077	178	15956	0.375	ng		100
26) Anthracene	17.164	178	12376	0.351	ng		100
28) Fluoranthene	19.103	202	18631	0.365	ng		100
30) Pyrene	19.470	202	18749	0.388	ng		100
32) Benzo(a)anthracene	21.222	228	16439	0.379	ng		98
33) Chrysene	21.267	228	18277	0.387	ng		99
34) Bis(2-ethylhexyl)phtha...	21.151	149	6715	0.338	ng		99
36) Indeno(1,2,3-cd)pyrene	25.682	276	20955	0.368	ng		99
37) Benzo(b)fluoranthene	22.785	252	19173	0.379	ng		99
38) Benzo(k)fluoranthene	22.828	252	18508	0.374	ng		99
39) Benzo(a)pyrene	23.352	252	15223	0.362	ng		99
40) Dibenzo(a,h)anthracene	25.697	278	16826	0.369	ng		99
41) Benzo(g,h,i)perylene	26.360	276	19338	0.385	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030966.D
Acq On : 16 Apr 2024 10:53
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Misc :
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Instrument :
BNA_N
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Quant Time: Apr 16 11:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
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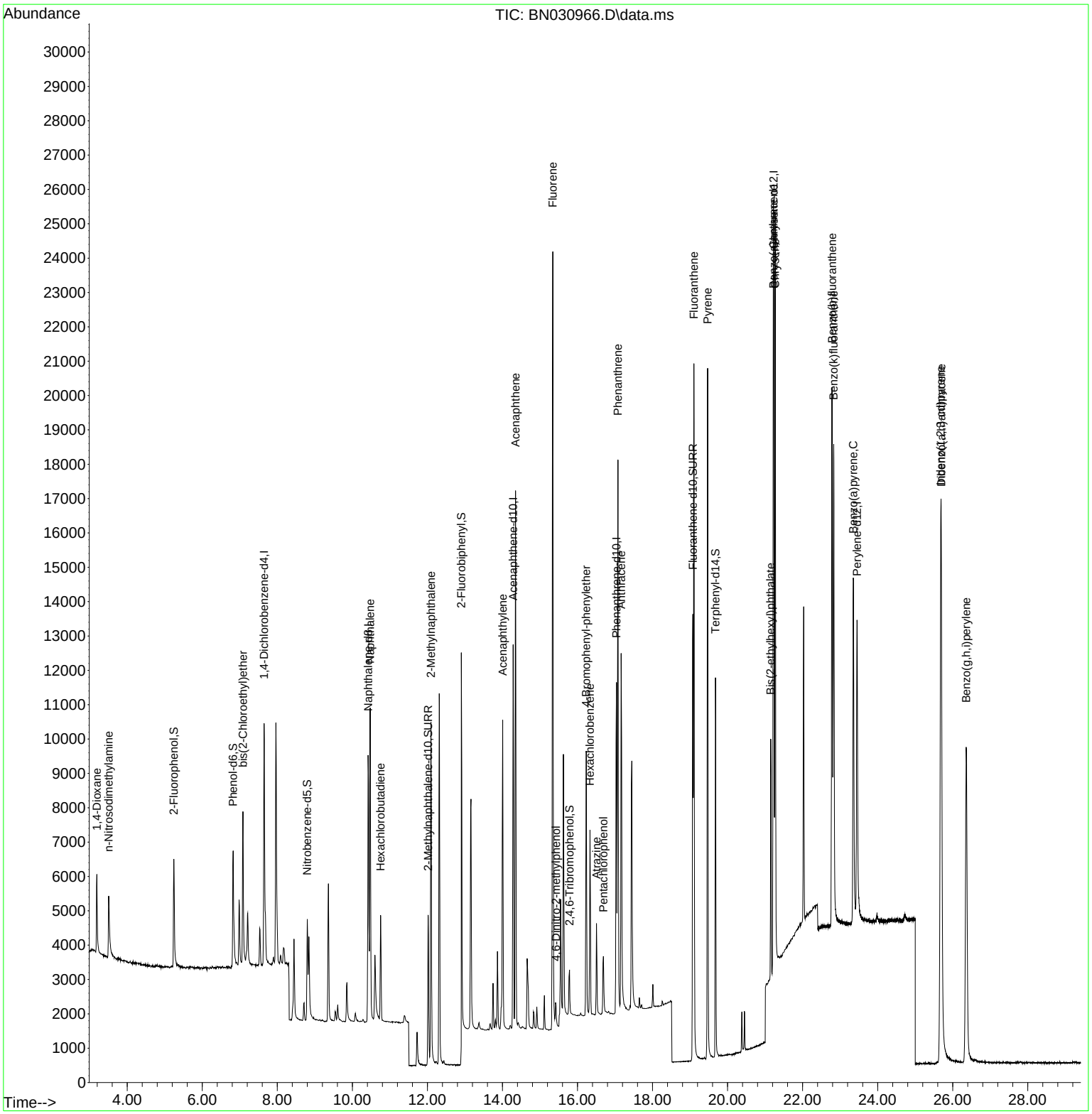
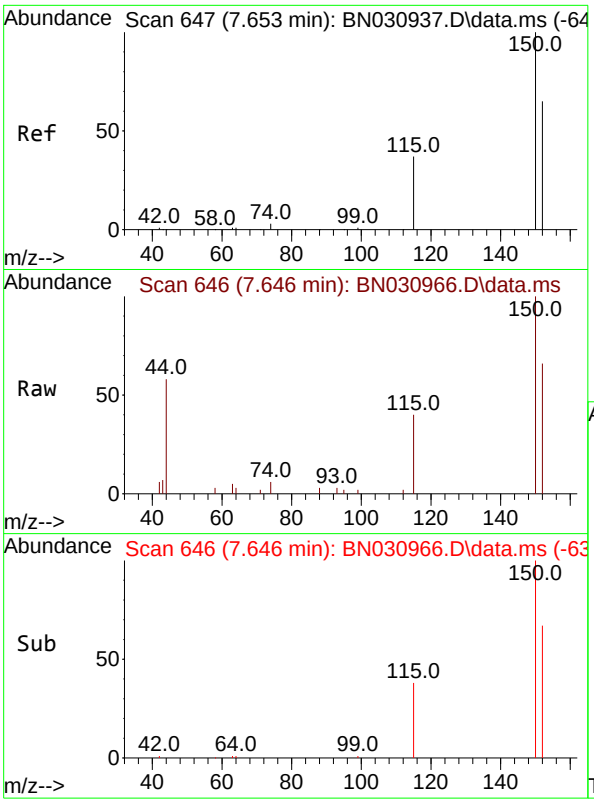


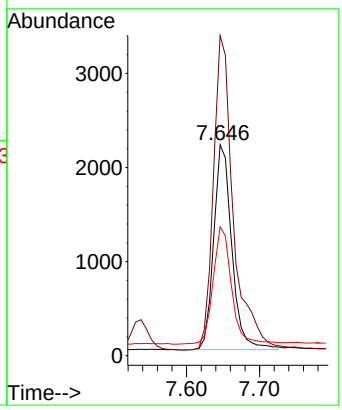


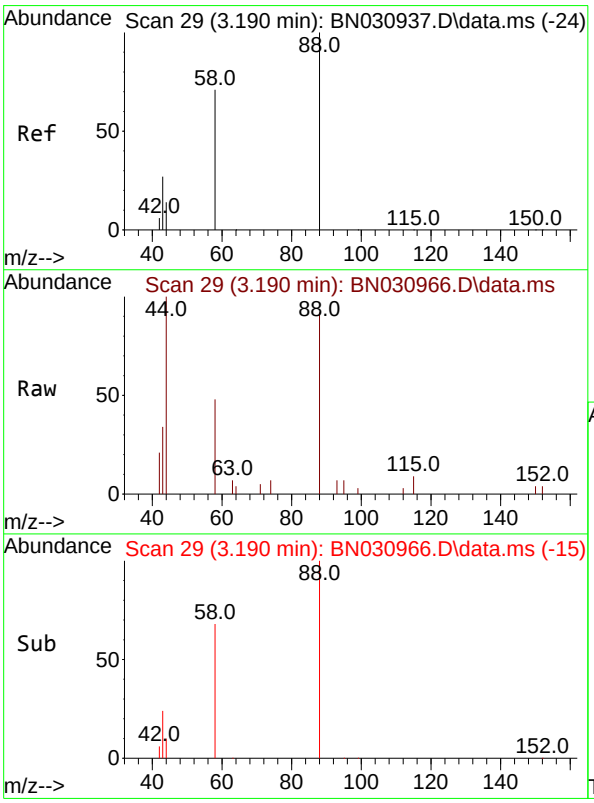
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:152 Resp: 3753

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.7	182.5
115	61.1	47.8	71.8

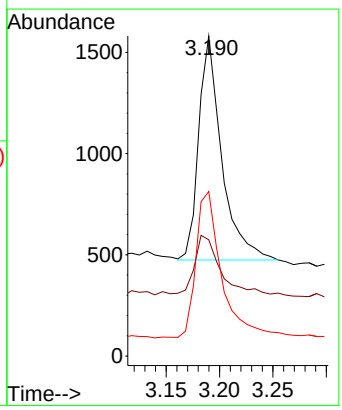


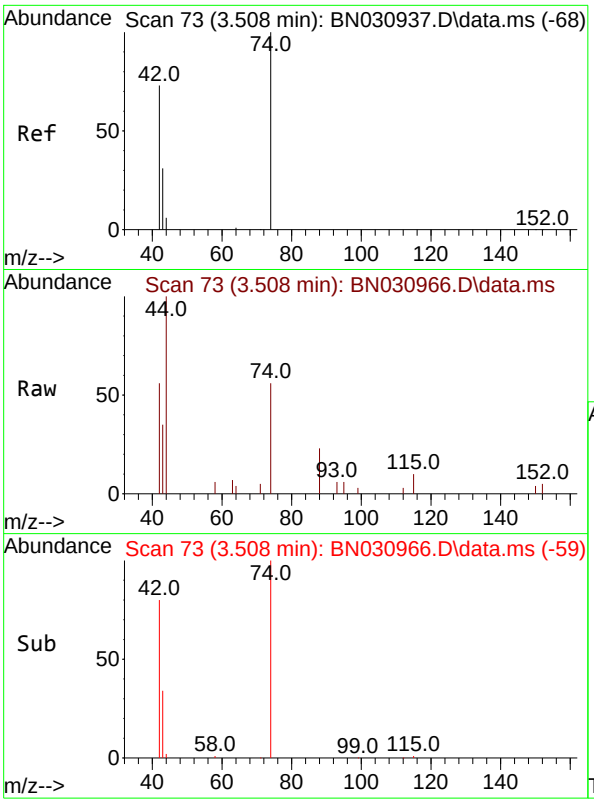


#2
1,4-Dioxane
Concen: 0.358 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion: 88 Resp: 1654

Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.7	35.5
58	71.9	55.7	83.5



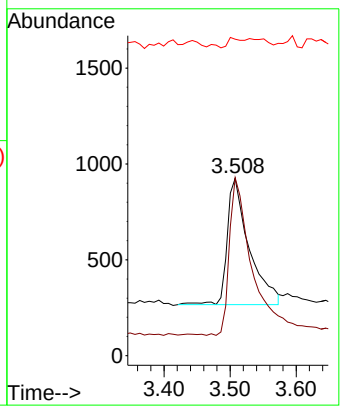


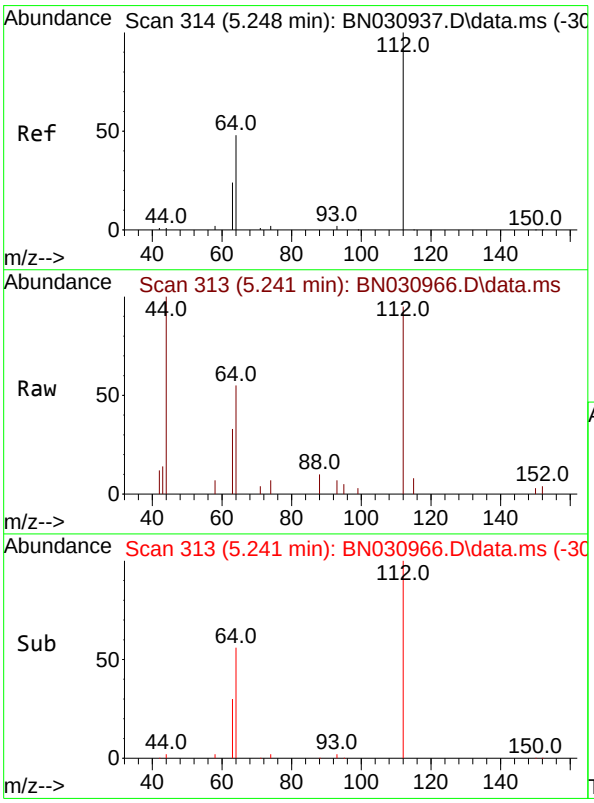
#3
n-Nitrosodimethylamine
Concen: 0.351 ng
RT: 3.508 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion: 42 Resp: 1518

Ion	Ratio	Lower	Upper
42	100		
74	123.6	103.1	154.7
44	4.2	7.0	10.6#

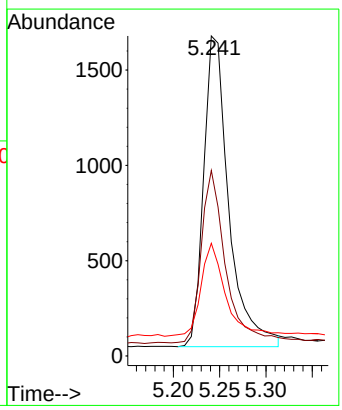


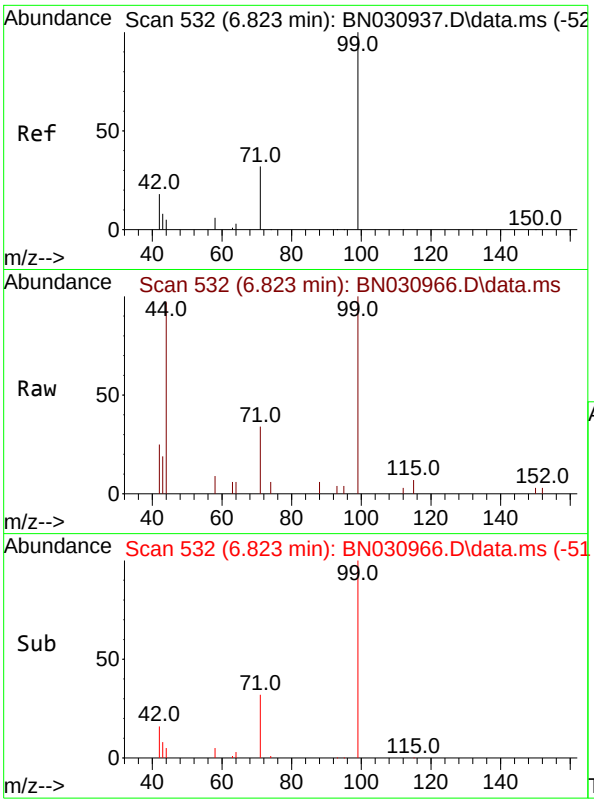


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.241 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:112 Resp: 3092

Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.4	65.2
63	28.9	22.2	33.2



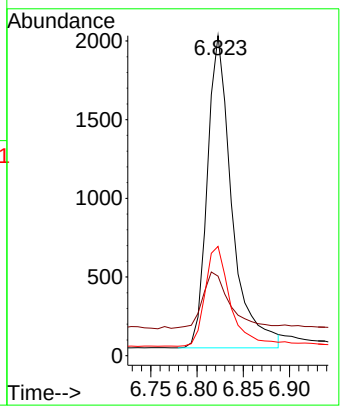


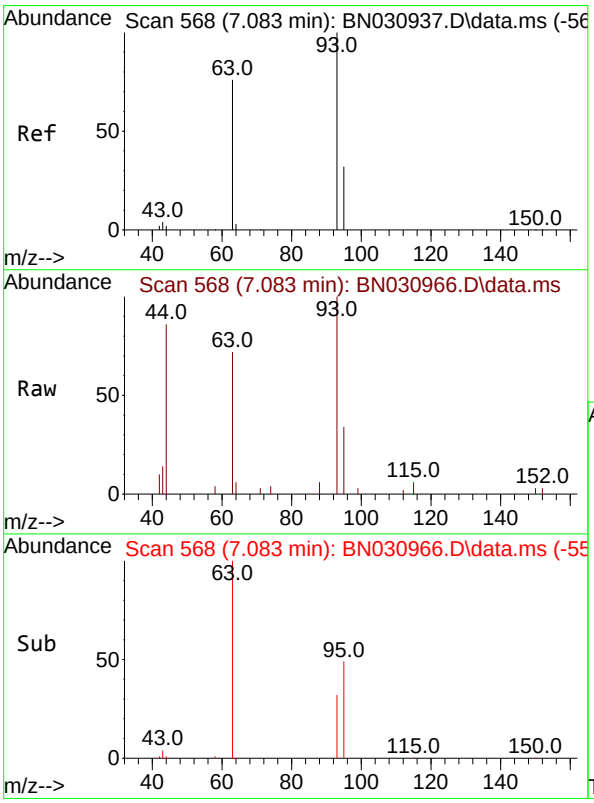
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.823 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion: 99 Resp: 3664

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.4	24.6
71	32.7	26.3	39.5

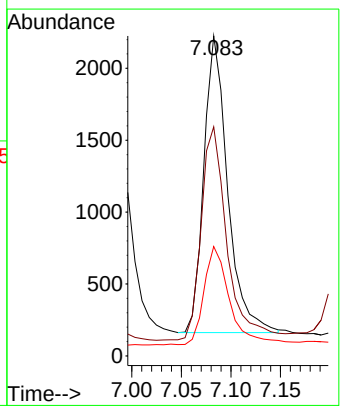


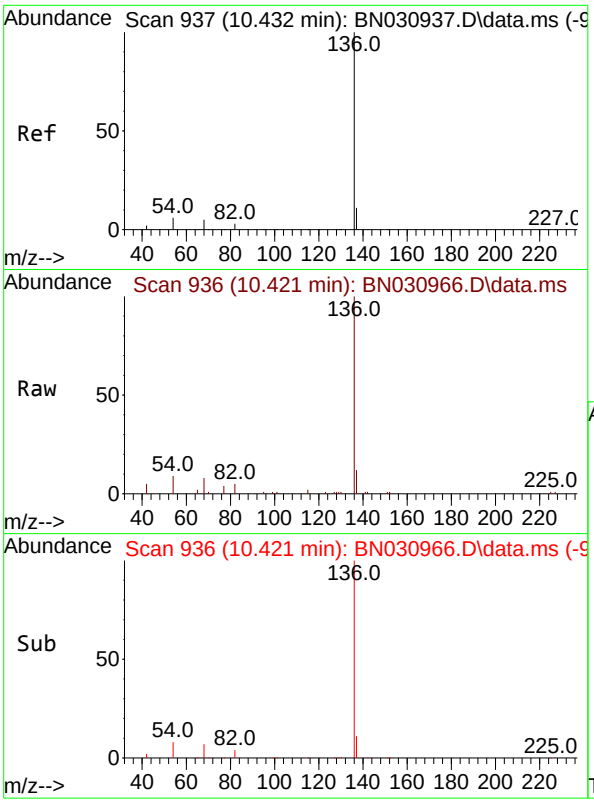


#6
bis(2-Chloroethyl)ether
Concen: 0.344 ng
RT: 7.083 min Scan# 568
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion: 93 Resp: 3450

Ion	Ratio	Lower	Upper
93	100		
63	78.1	61.8	92.8
95	35.6	27.4	41.0



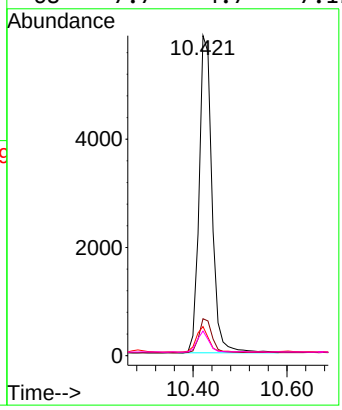


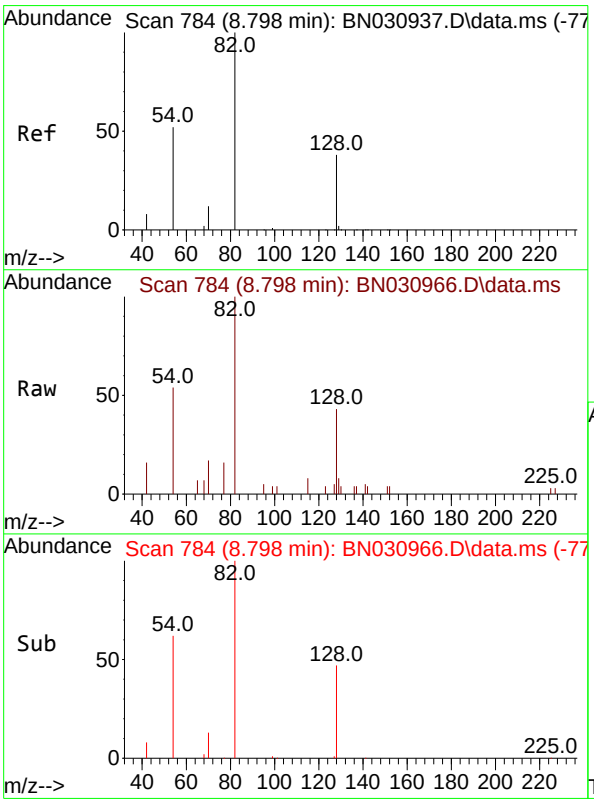
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:136 Resp: 11175

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	9.1	5.3	7.9#
68	7.7	4.7	7.1#

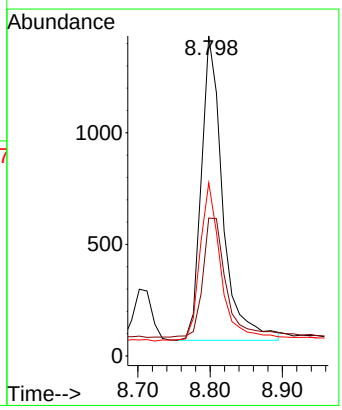


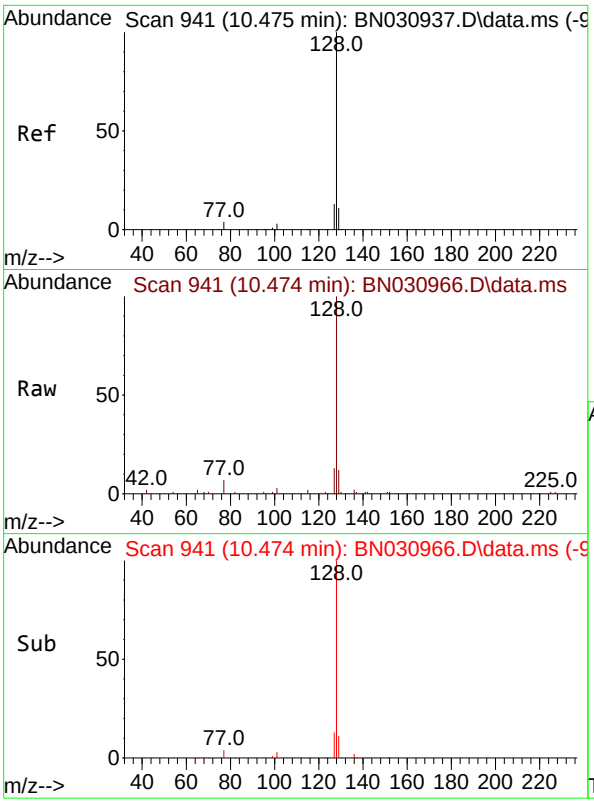


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion: 82 Resp: 2814

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.7	50.5
54	54.1	43.7	65.5



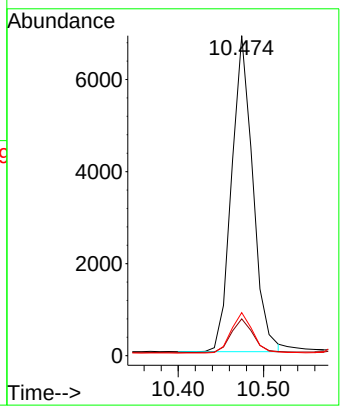


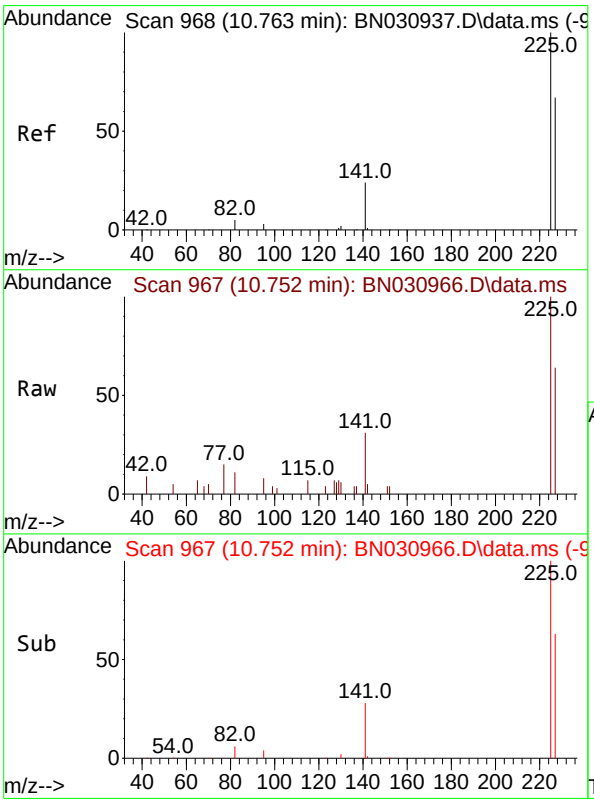
#9
Naphthalene
Concen: 0.384 ng
RT: 10.474 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:128 Resp: 11846

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.5	10.9	16.3

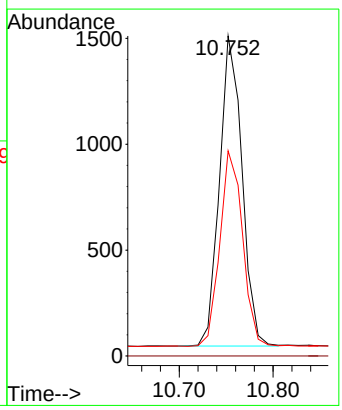


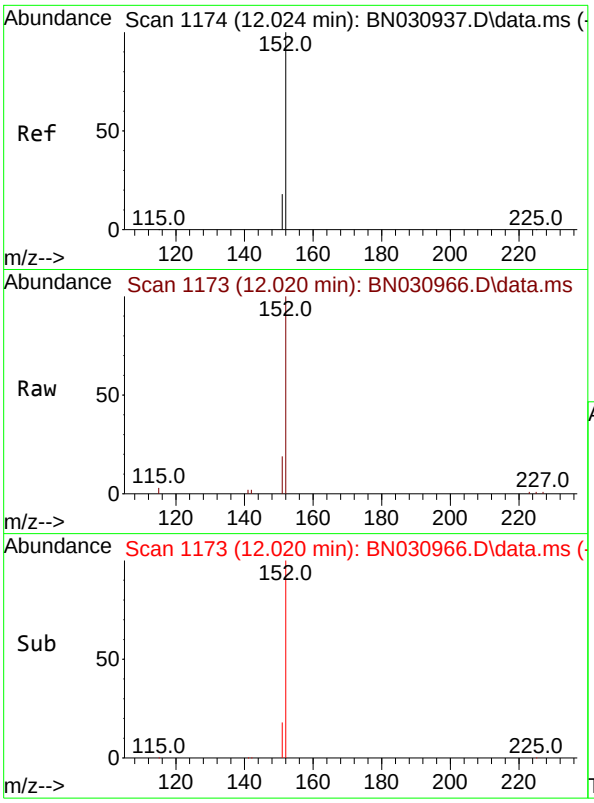


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.011 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:225 Resp: 2438

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.3	76.9



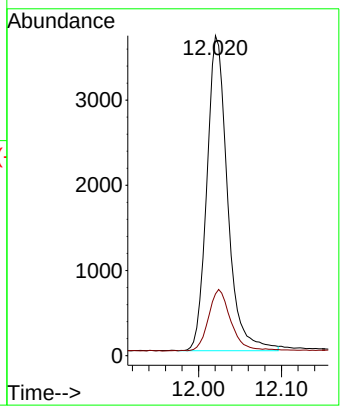


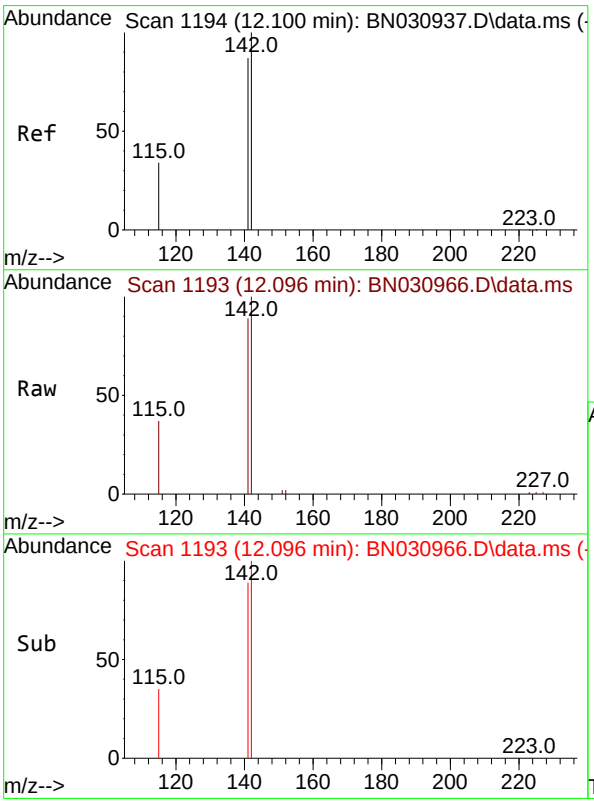
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.020 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:152 Resp: 6427

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1

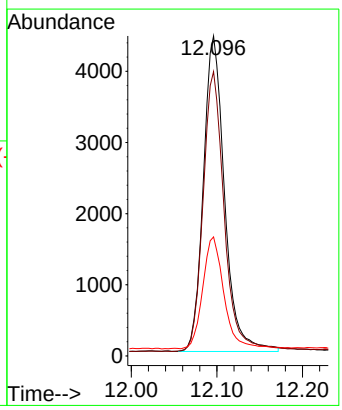


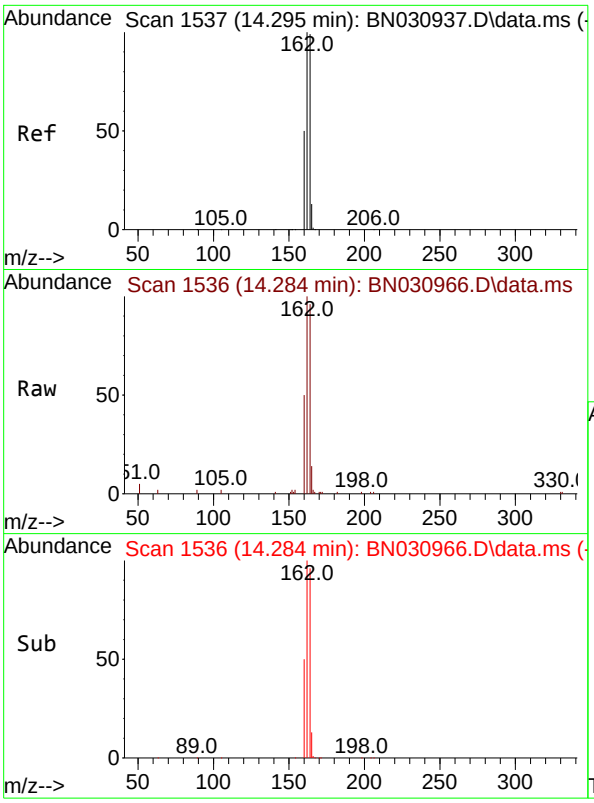


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.096 min Scan# 1193
Delta R.T. -0.004 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:142 Resp: 7634

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.8
115	37.2	28.3	42.5



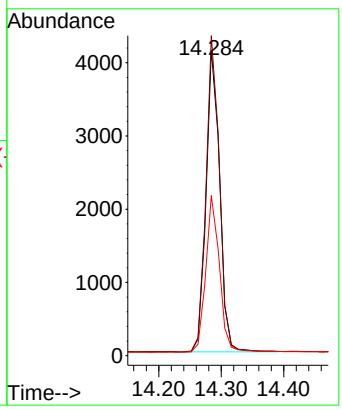


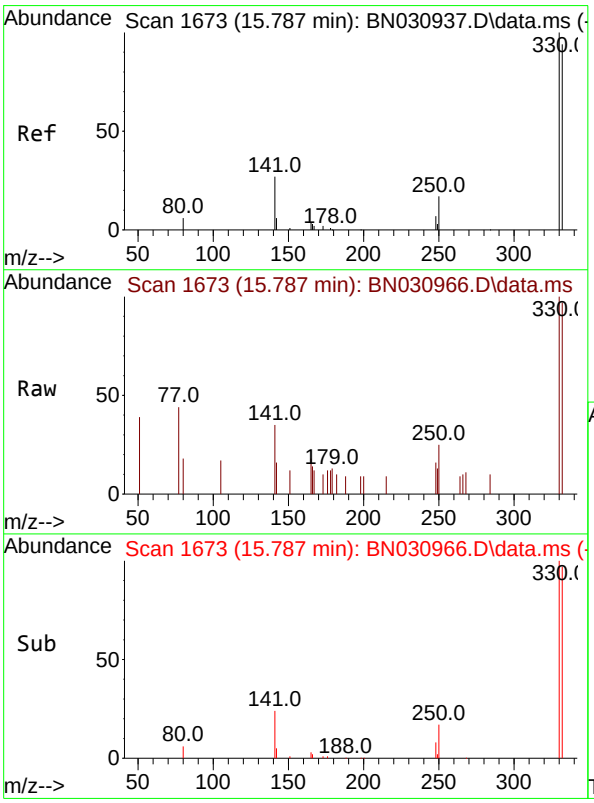
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:164 Resp: 6218

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	121.0
160	52.4	40.7	61.1

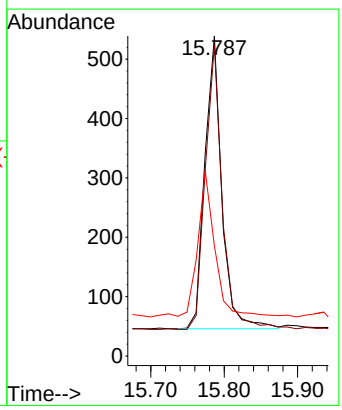


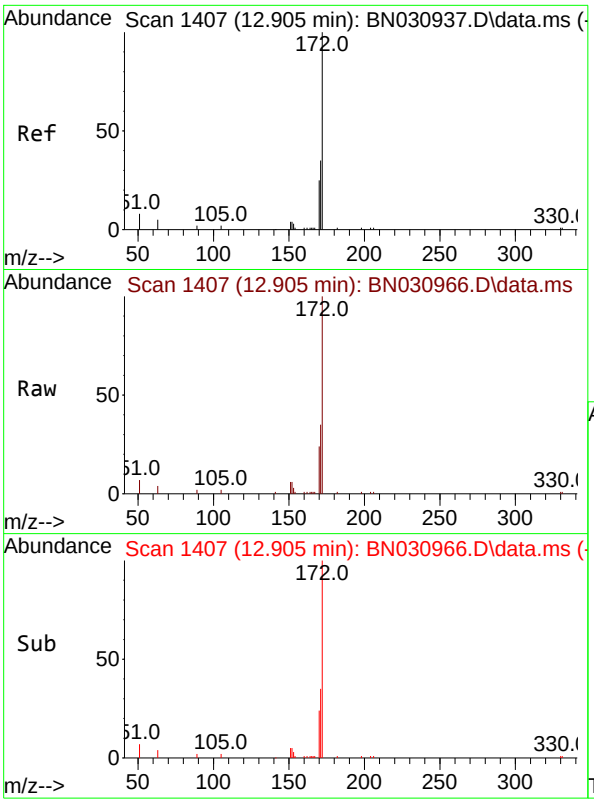


#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.787 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:330 Resp: 792

Ion	Ratio	Lower	Upper
330	100		
332	97.0	74.2	111.2
141	50.5	37.2	55.8



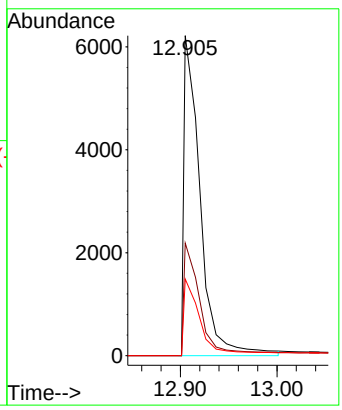


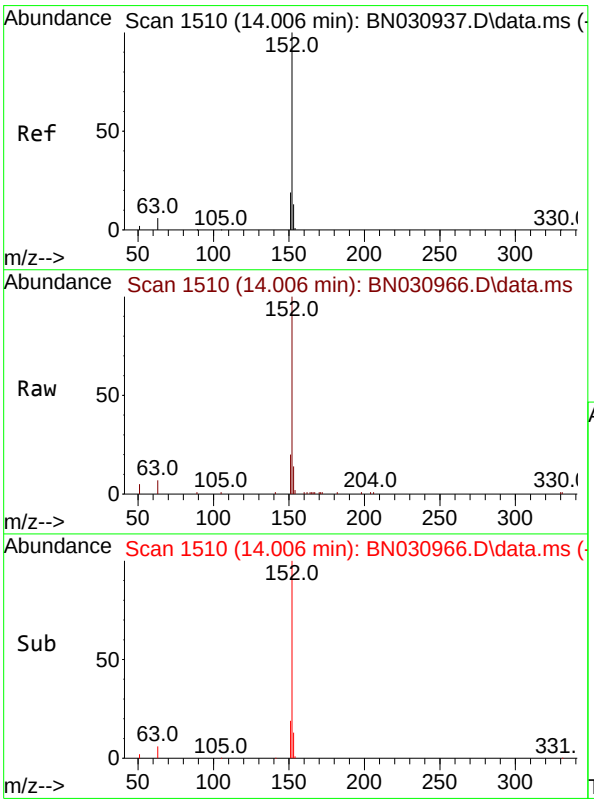
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:172 Resp: 7578

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	24.0	19.8	29.8

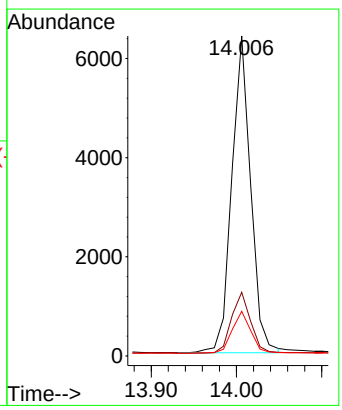


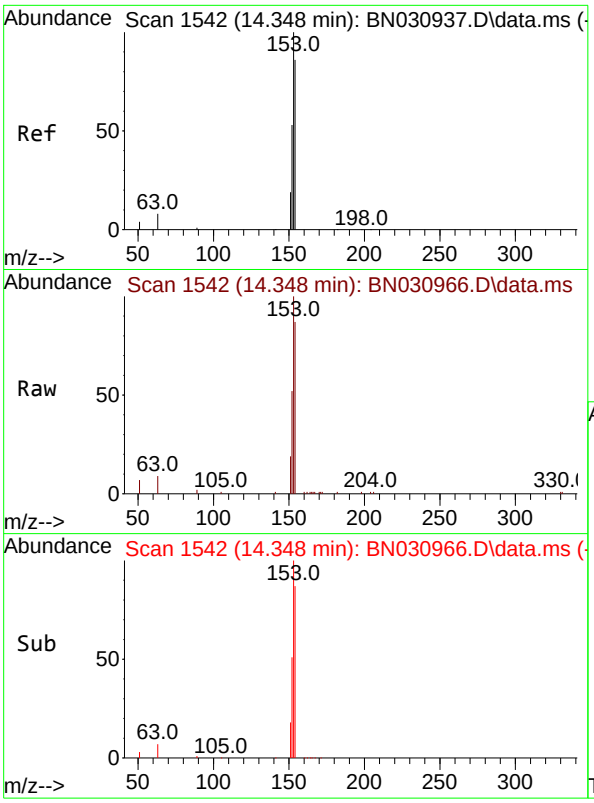


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.006 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:152 Resp: 9842

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9
153	13.2	10.4	15.6



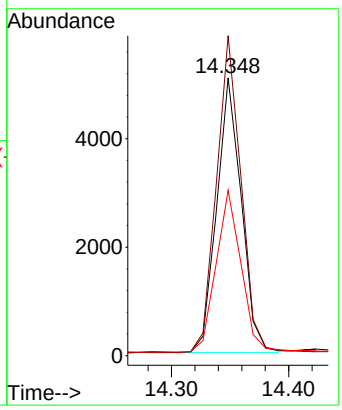


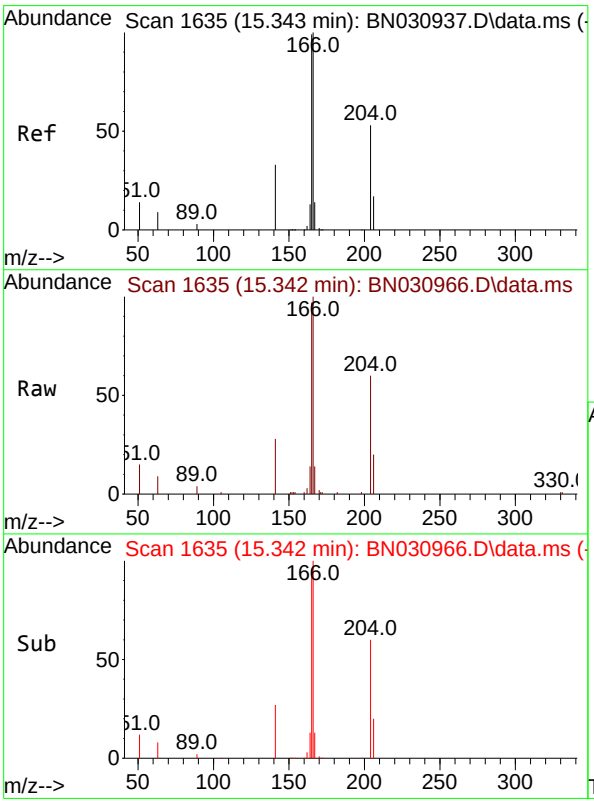
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:154 Resp: 7389

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.1	136.7
152	59.8	47.6	71.4

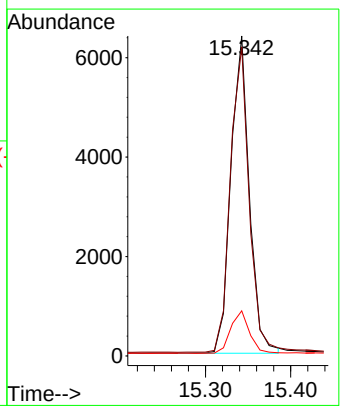


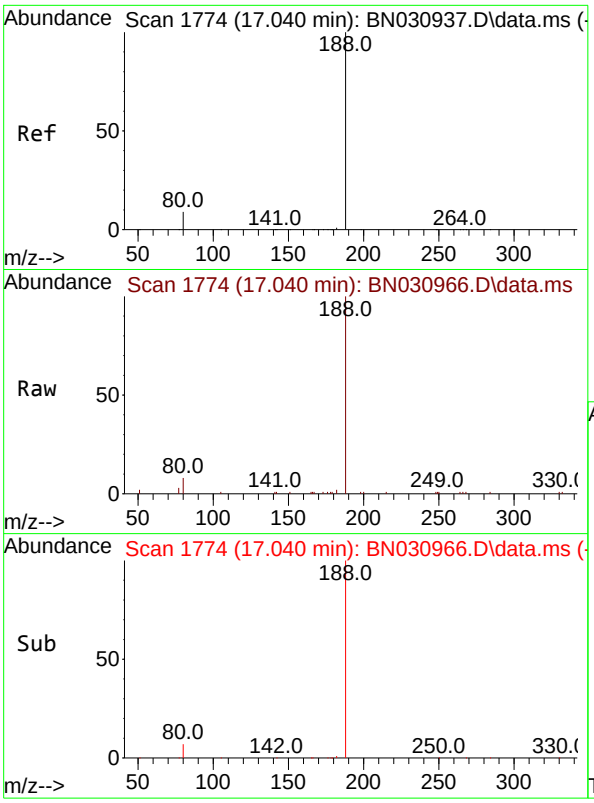


#18
Fluorene
Concen: 0.375 ng
RT: 15.342 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:166 Resp: 9588

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.3	117.5
167	13.6	11.1	16.7



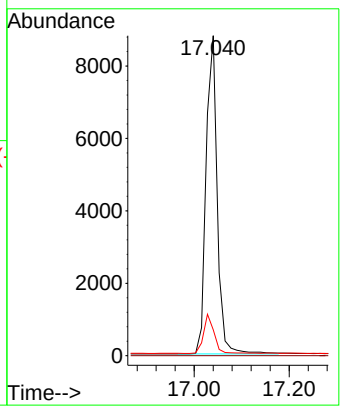


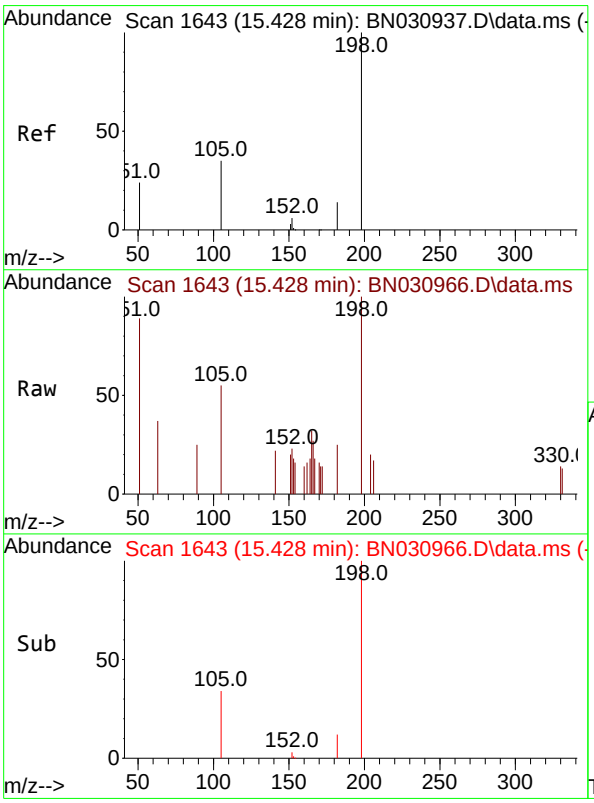
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:188 Resp: 14413

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.4	11.2

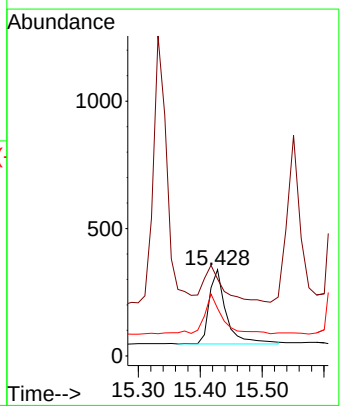


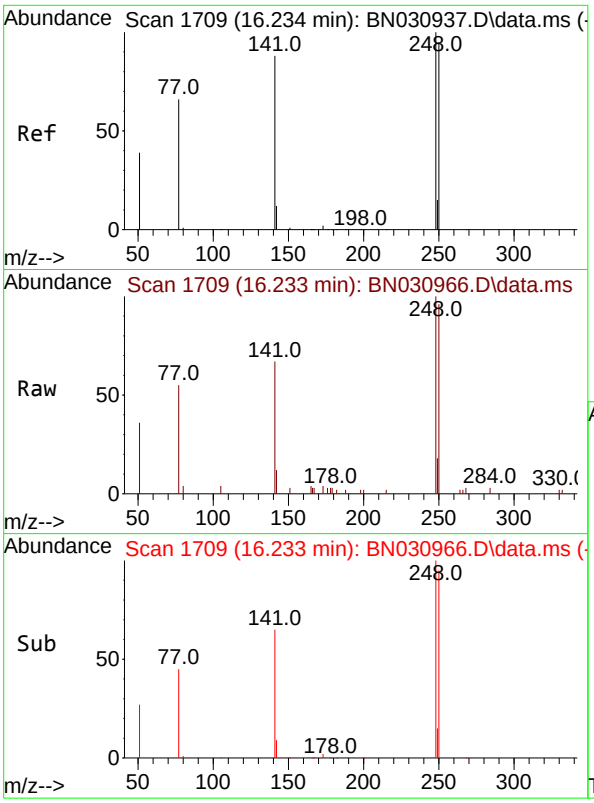


#20
4,6-Dinitro-2-methylphenol
Concen: 0.359 ng
RT: 15.428 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:198 Resp: 559

Ion	Ratio	Lower	Upper
198	100		
51	89.3	65.2	97.8
105	55.0	41.0	61.4



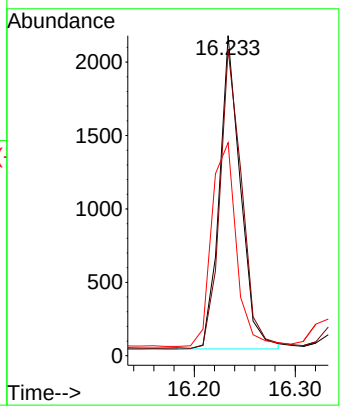


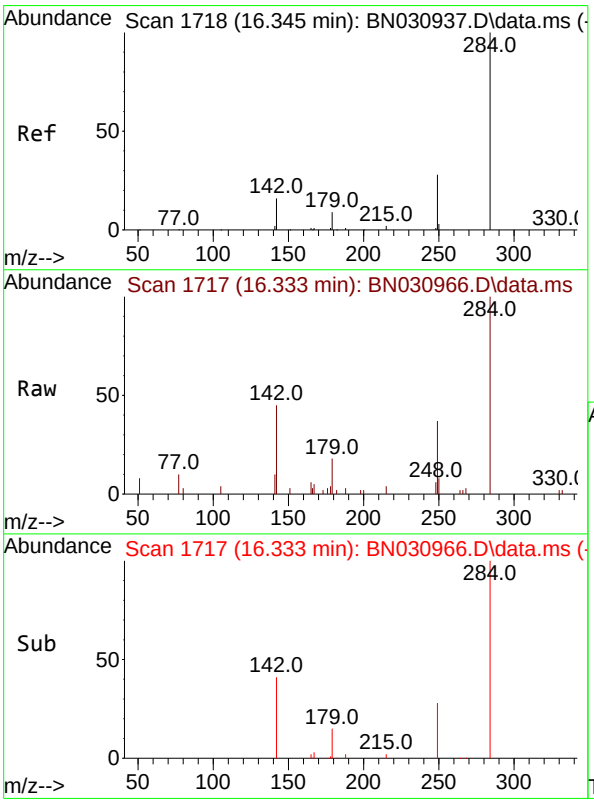
#21
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:248 Resp: 3115

Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.1	114.1
141	66.6	71.1	106.7#

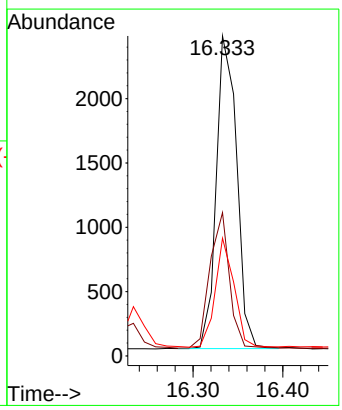


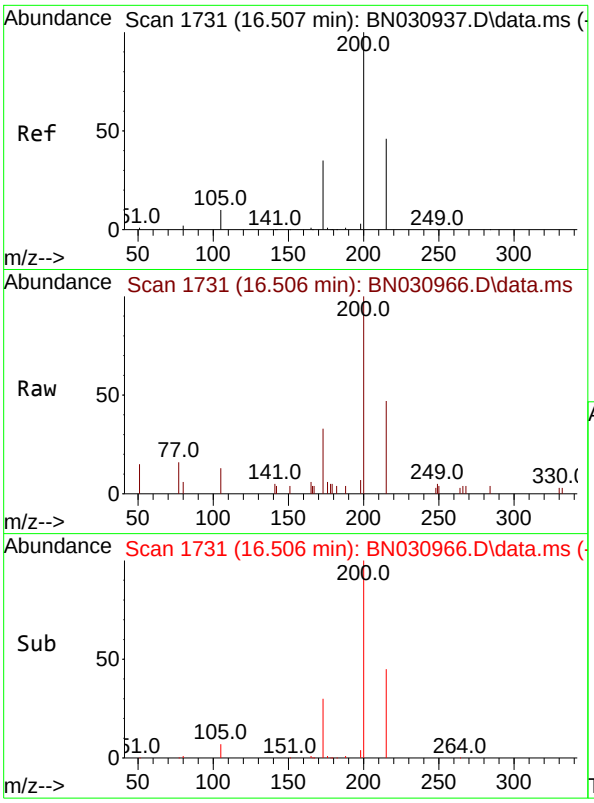


#22
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.333 min Scan# 1717
Delta R.T. -0.013 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:284 Resp: 3853

Ion	Ratio	Lower	Upper
284	100		
142	41.0	33.0	49.4
249	32.1	25.5	38.3



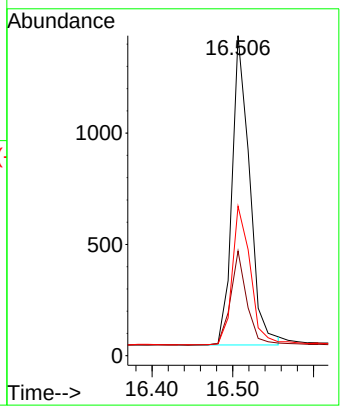


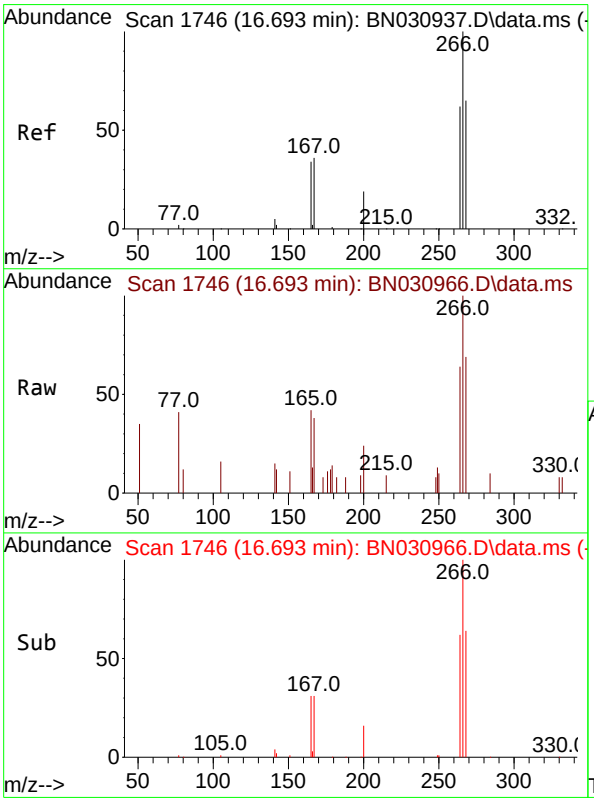
#23
Atrazine
Concen: 0.339 ng
RT: 16.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:200 Resp: 2100

Ion	Ratio	Lower	Upper
200	100		
173	32.7	29.9	44.9
215	46.7	38.7	58.1

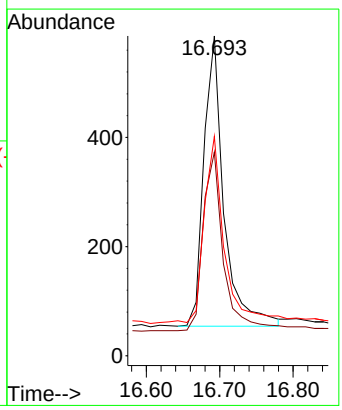


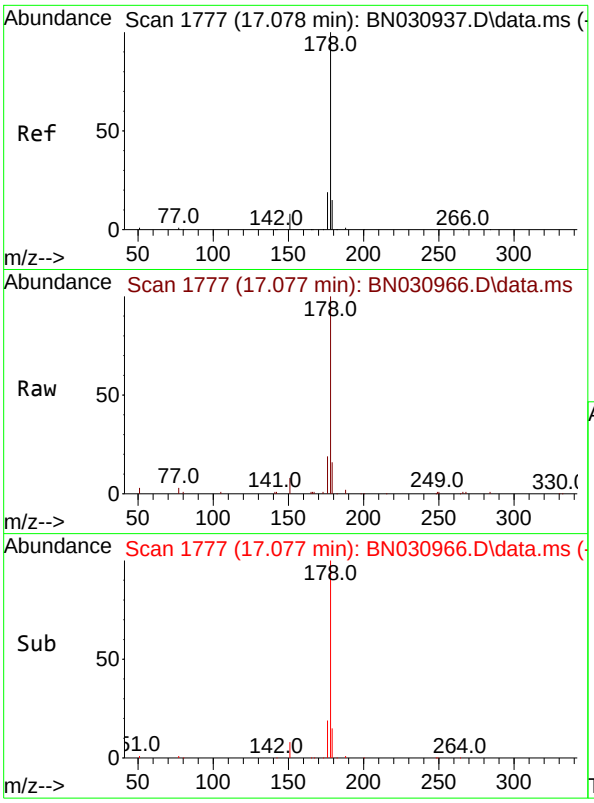


#24
Pentachlorophenol
Concen: 0.381 ng
RT: 16.693 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:266 Resp: 1006

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.2	75.2
268	64.4	52.3	78.5



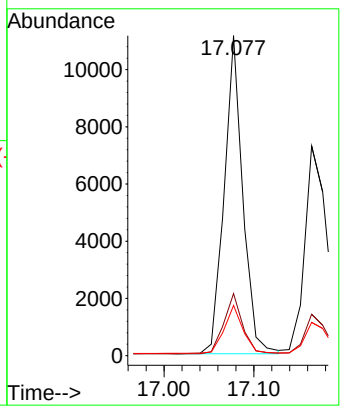


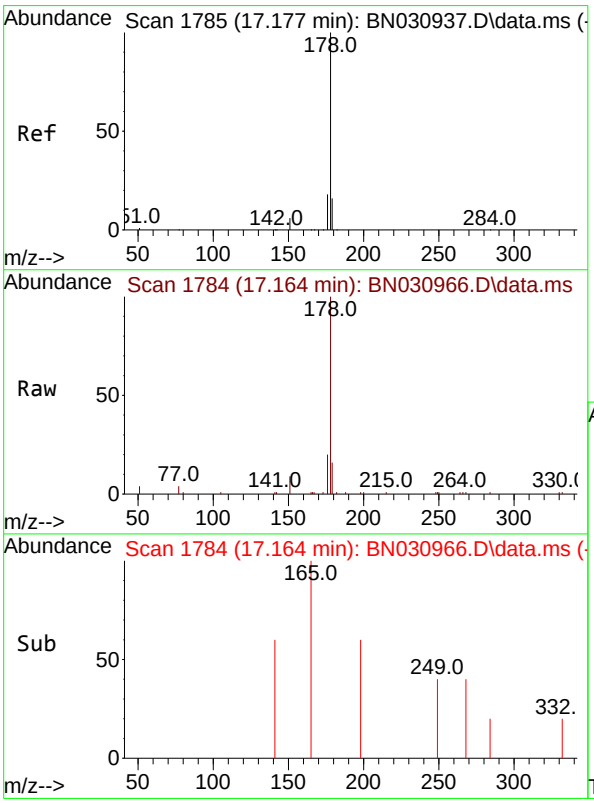
#25
Phenanthrene
Concen: 0.375 ng
RT: 17.077 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:178 Resp: 15956

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.2	12.2	18.2

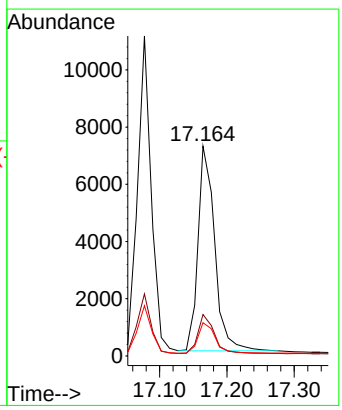


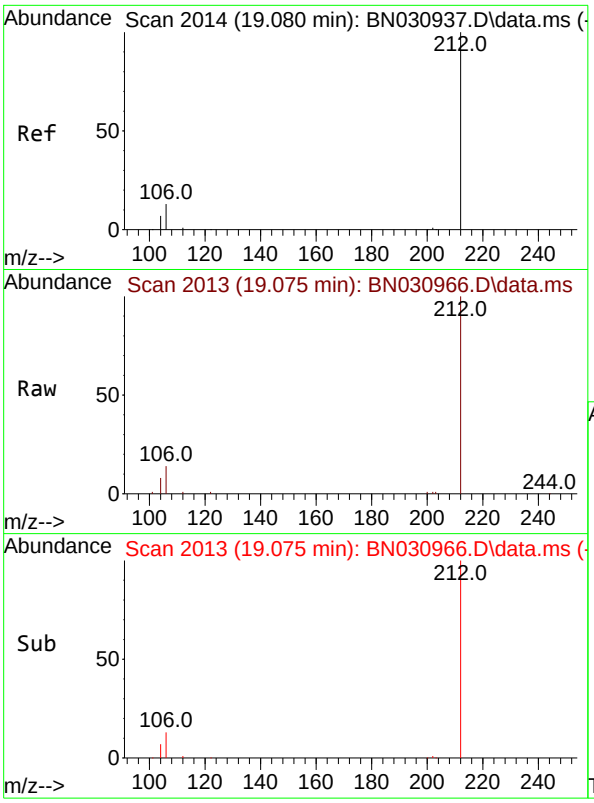


#26
Anthracene
Concen: 0.351 ng
RT: 17.164 min Scan# 1784
Delta R.T. -0.013 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:178 Resp: 12376

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.5	12.3	18.5



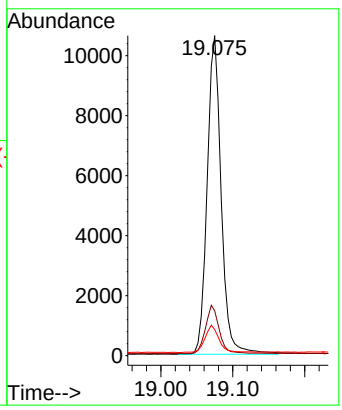


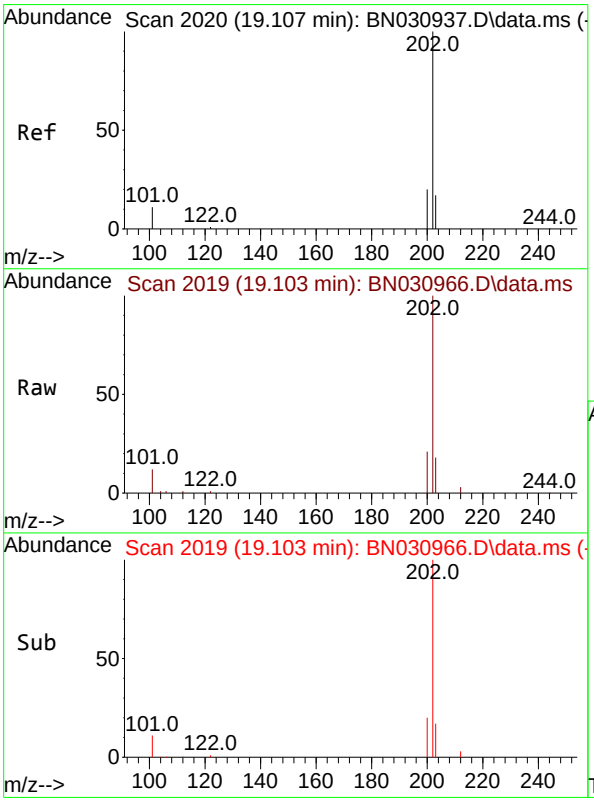
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.075 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:212 Resp: 14315

Ion	Ratio	Lower	Upper
212	100		
106	14.7	12.0	18.0
104	8.5	6.7	10.1

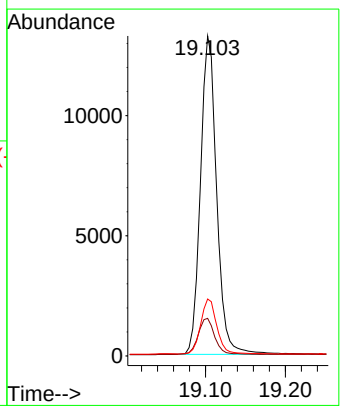


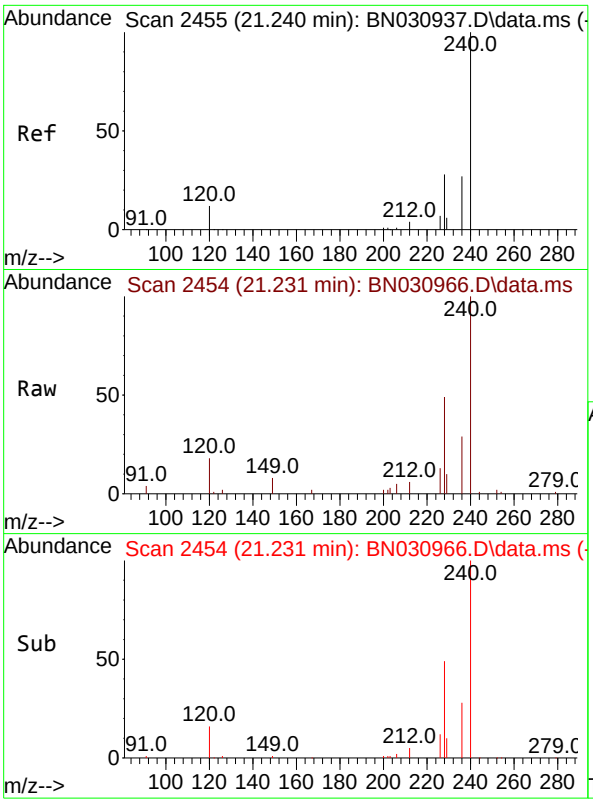


#28
Fluoranthene
Concen: 0.365 ng
RT: 19.103 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:202 Resp: 18631

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.2
203	17.3	13.8	20.8



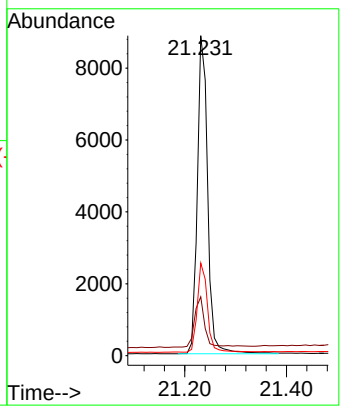


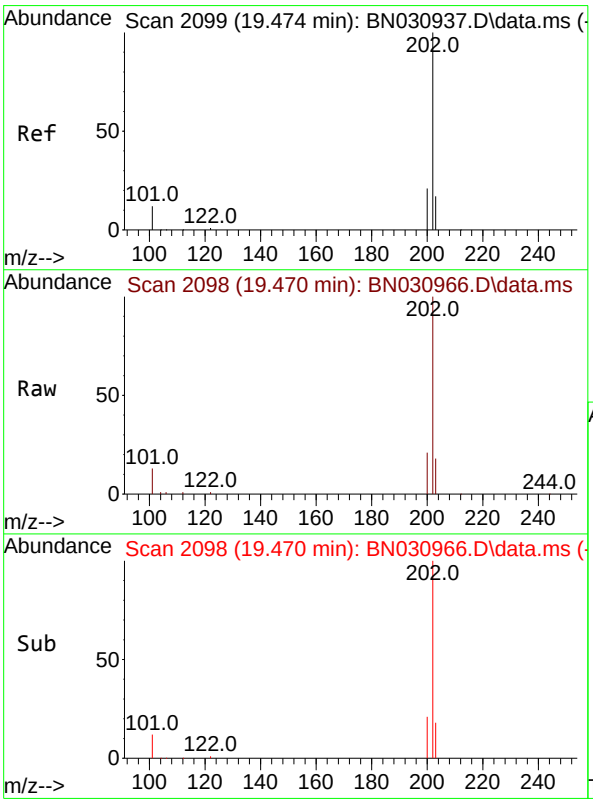
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.231 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:240 Resp: 12458

Ion	Ratio	Lower	Upper
240	100		
120	18.4	11.0	16.4#
236	28.9	22.3	33.5

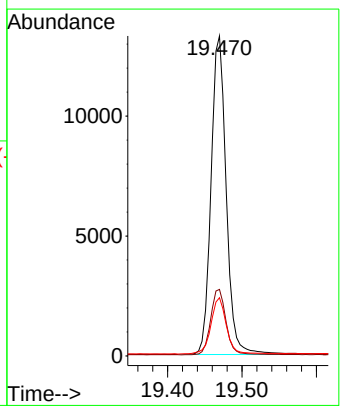


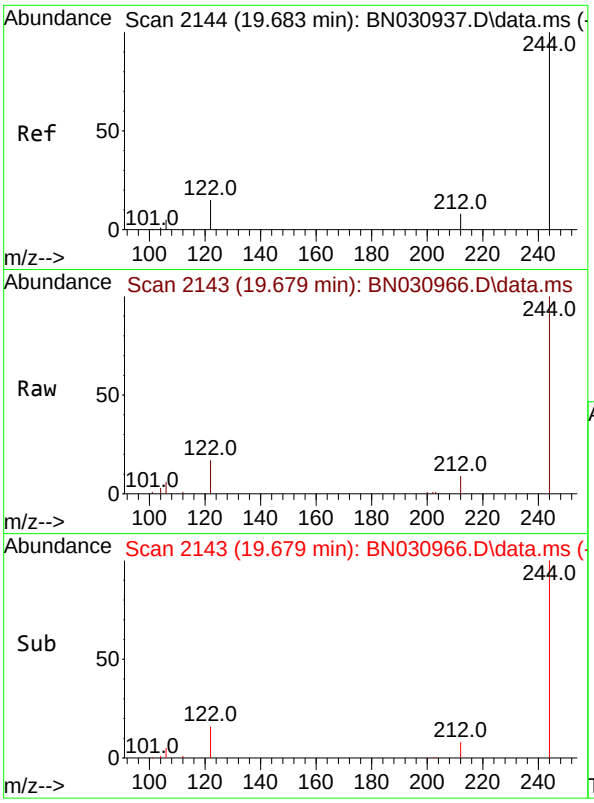


#30
Pyrene
Concen: 0.388 ng
RT: 19.470 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:202 Resp: 18749

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.1	14.3	21.5



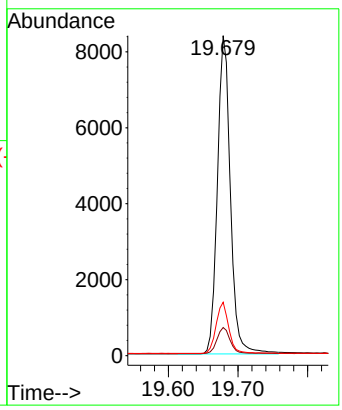


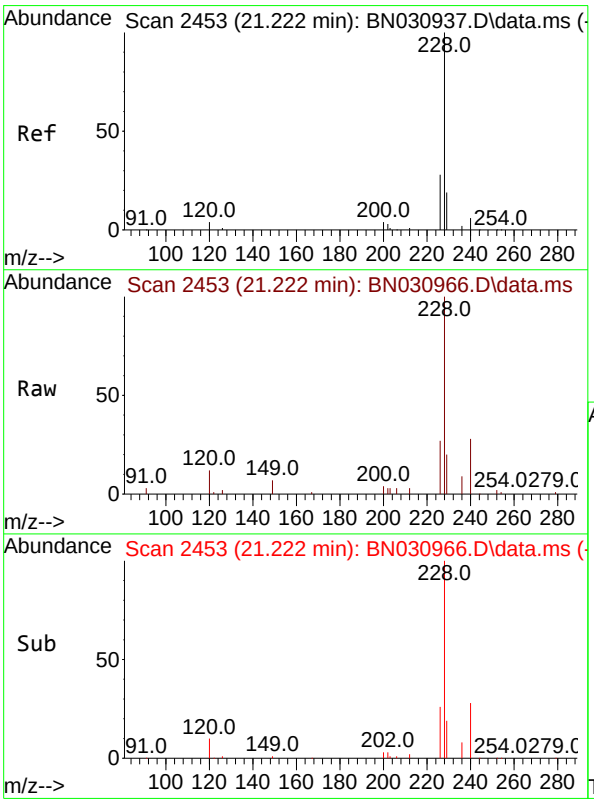
#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.679 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:244 Resp: 10858

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	16.7	12.7	19.1

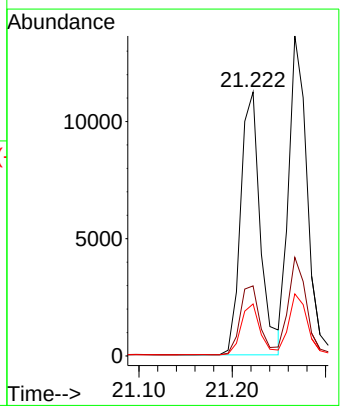


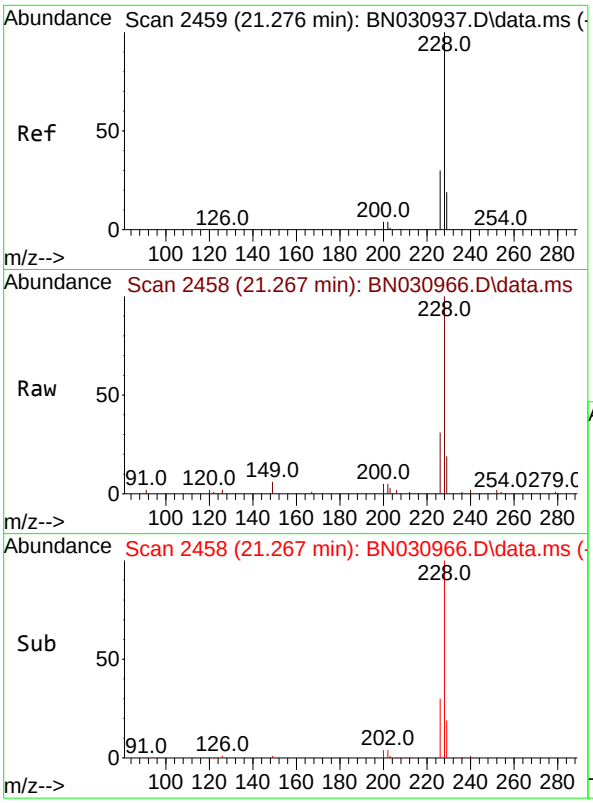


#32
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.222 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:228 Resp: 16439

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.4	33.6
229	19.7	15.7	23.5



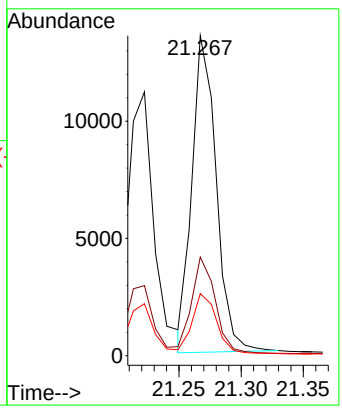


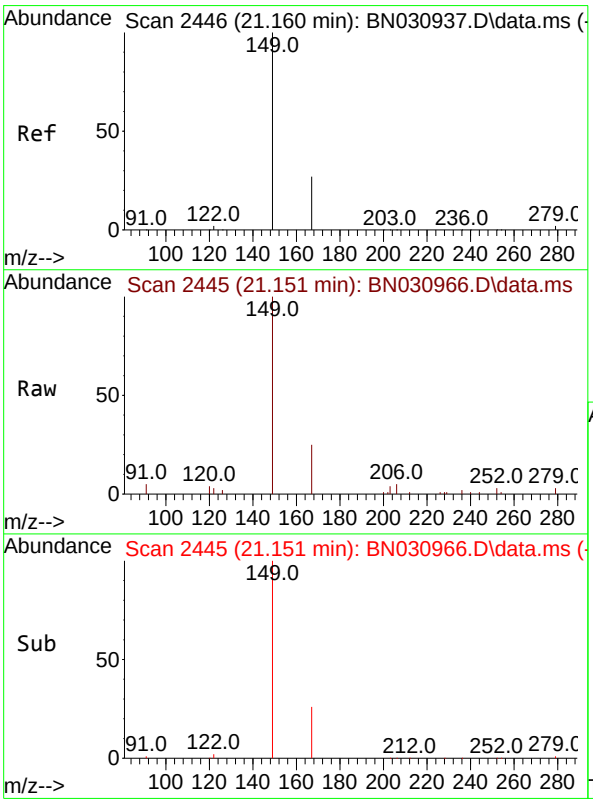
#33
Chrysene
Concen: 0.387 ng
RT: 21.267 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:228 Resp: 18277

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	19.4	15.8	23.6

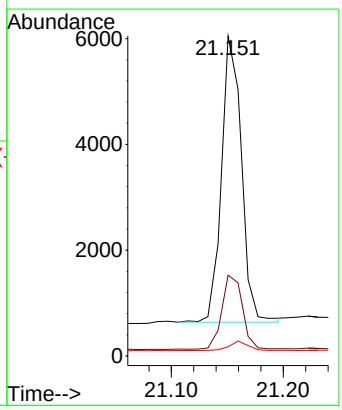


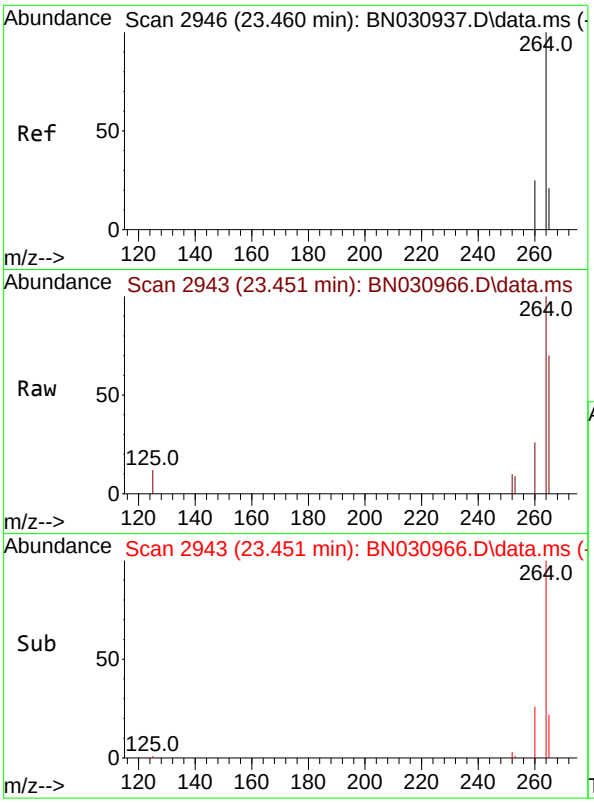


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.338 ng
RT: 21.151 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:149 Resp: 6715

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.5	2.9	4.3



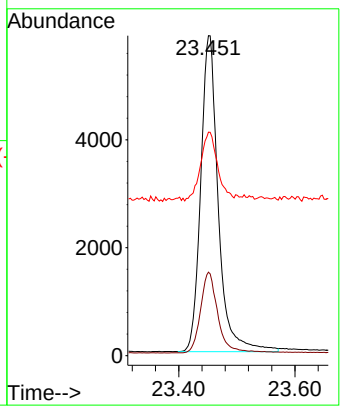


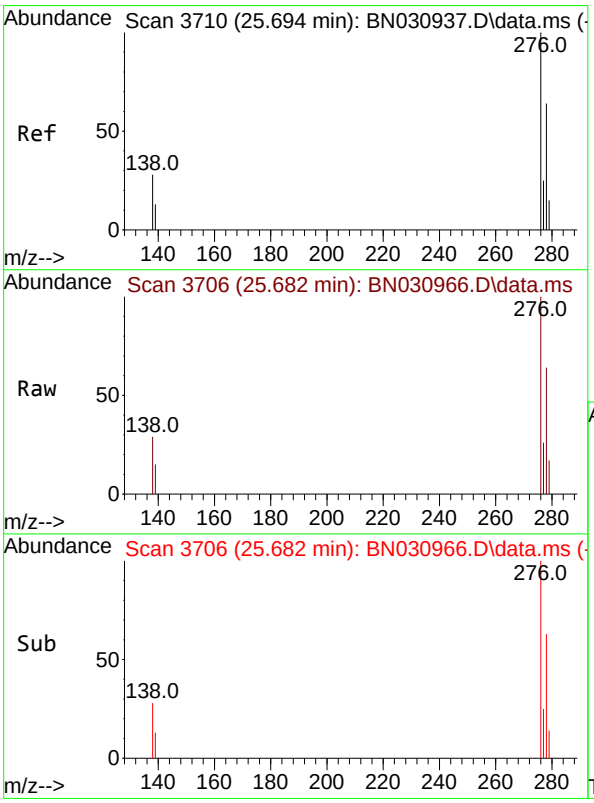
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.451 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:264 Resp: 12251

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.6	31.0
265	69.9	53.3	79.9

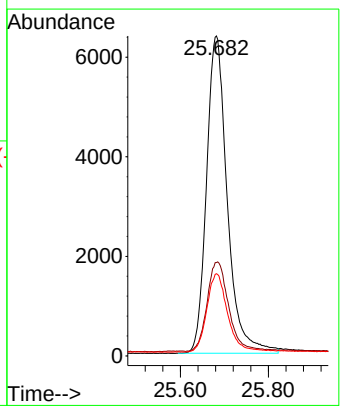


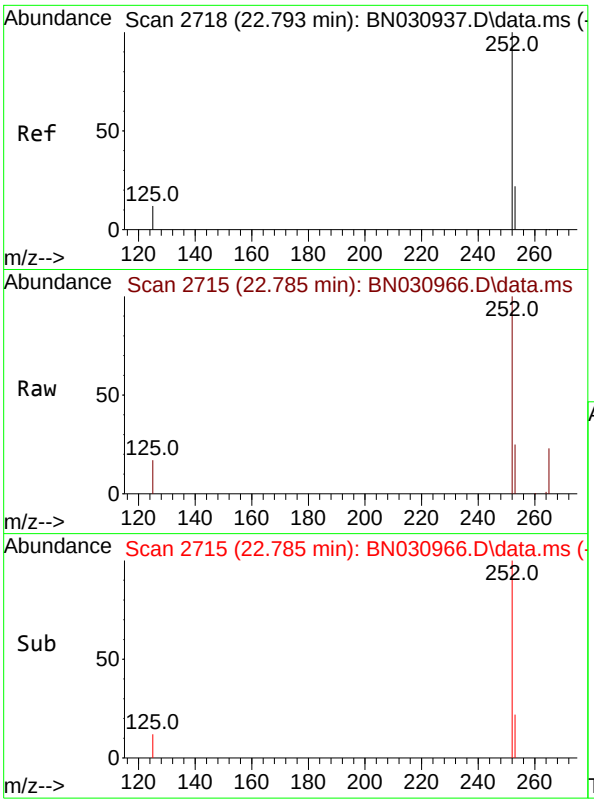


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng
RT: 25.682 min Scan# 3706
Delta R.T. -0.012 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:276 Resp: 20955

Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.1	34.7
277	24.7	19.9	29.9



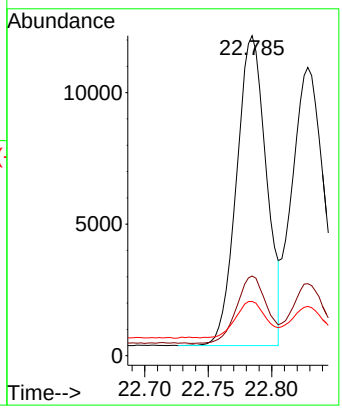


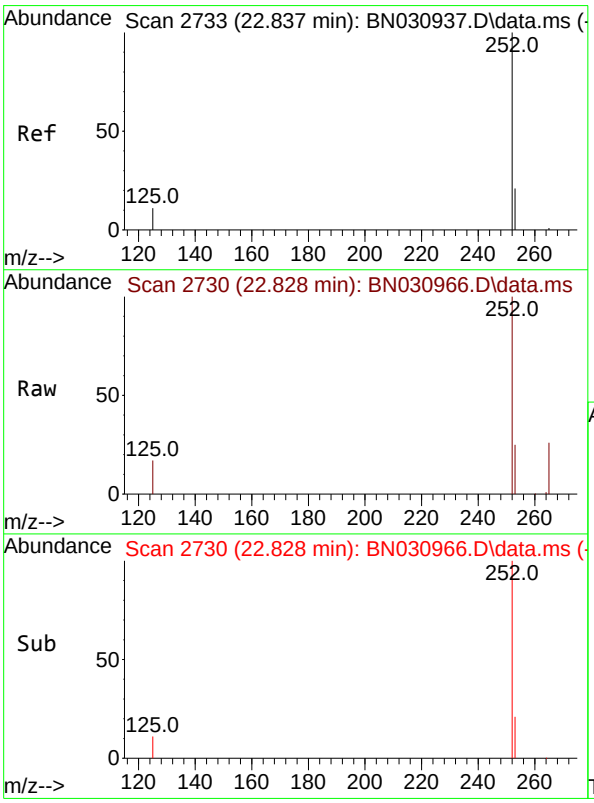
#37
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.785 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:252 Resp: 19173

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.2	30.2
125	17.0	13.4	20.2

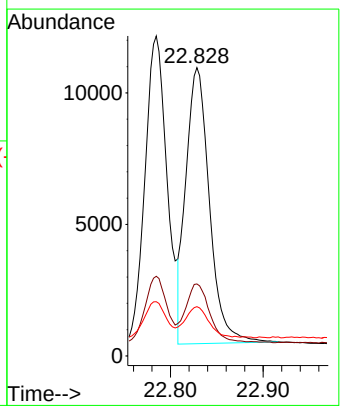


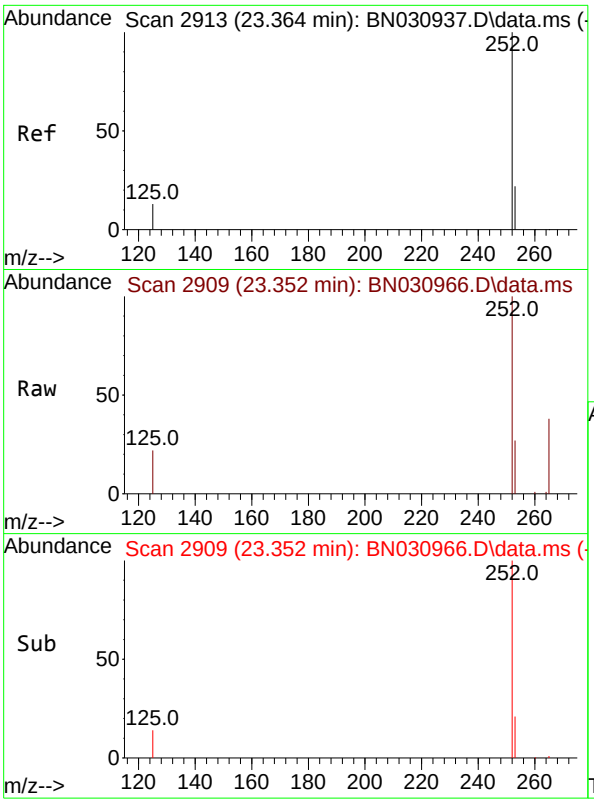


#38
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 22.828 min Scan# 2730
Delta R.T. -0.009 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:252 Resp: 18508

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	17.1	13.2	19.8



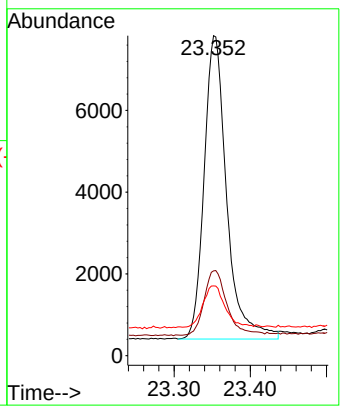


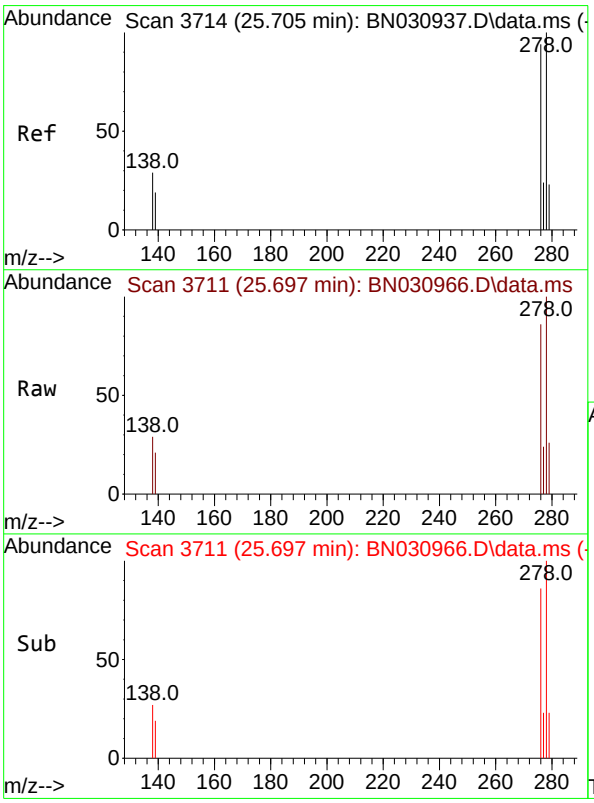
#39
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.352 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:252 Resp: 15223

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.4	32.2
125	21.8	16.6	25.0

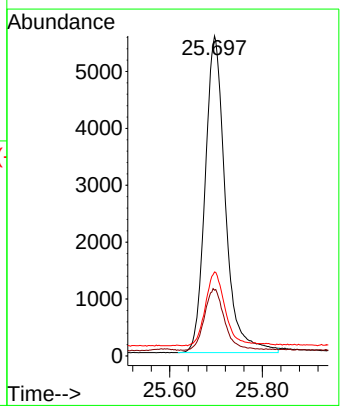


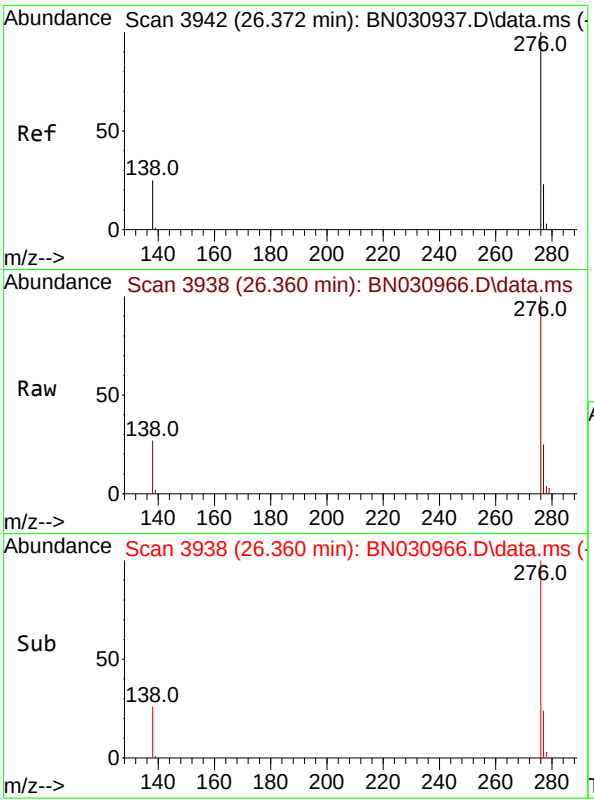


#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 25.697 min Scan# 3711
Delta R.T. -0.009 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Tgt Ion:278 Resp: 16826

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.3	24.5
279	26.3	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 26.360 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN030966.D
Acq: 16 Apr 2024 10:53

Instrument :
BNA_N
ClientSampleId :
PB159883BS

Tgt Ion:276 Resp: 19338

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	27.4	21.0	31.4