Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
Data File : BN030321.D
Acq On : 07 Mar 2024 10:02
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 07 11:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	1896	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	4970	0.400	ng		-0.01
13) Acenaphthene-d10	14.457	164	2502	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4977	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3923	0.400	ng		0.00
35) Perylene-d12	23.797	264	4345	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	1879	0.378	ng		0.00
5) Phenol-d6	6.973	99	1999	0.382	ng		0.00
8) Nitrobenzene-d5	8.971	82	1663	0.367	ng		0.00
11) 2-Methylnaphthalene-d10	12.200	152	3096	0.429	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	457	0.355	ng		0.00
15) 2-Fluorobiphenyl	13.078	172	4432	0.426	ng		-0.01
27) Fluoranthene-d10	19.262	212	5362	0.393	ng		0.00
31) Terphenyl-d14	19.875	244	4058	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	883	0.359	ng		96
3) n-Nitrosodimethylamine	3.651	42	848	0.327	ng	#	100
6) bis(2-Chloroethyl)ether	7.248	93	1574	0.379	ng		99
9) Naphthalene	10.648	128	5750	0.414	ng		98
10) Hexachlorobutadiene	10.925	225	1400	0.442	ng	#	100
12) 2-Methylnaphthalene	12.276	142	3567	0.417	ng		95
16) Acenaphthylene	14.180	152	4925	0.408	ng		99
17) Acenaphthene	14.522	154	3260	0.418	ng		100
18) Fluorene	15.505	166	3861	0.412	ng		99
20) 4,6-Dinitro-2-methylph...	15.617	198	318	0.308	ng		93
21) 4-Bromophenyl-phenylether	16.411	248	1226	0.403	ng		94
22) Hexachlorobenzene	16.511	284	1515	0.431	ng		98
23) Atrazine	16.697	200	1010	0.375	ng		97
24) Pentachlorophenol	16.871	266	623	0.340	ng		98
25) Phenanthrene	17.255	178	5815	0.409	ng		99
26) Anthracene	17.355	178	5209	0.398	ng		99
28) Fluoranthene	19.294	202	6746	0.389	ng		100
30) Pyrene	19.656	202	6986	0.424	ng		100
32) Benzo(a)anthracene	21.420	228	5550	0.403	ng		98
33) Chrysene	21.474	228	6150	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.366	149	3932	0.359	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.218	276	7307	0.401	ng		98
37) Benzo(b)fluoranthene	23.081	252	6126	0.404	ng		97
38) Benzo(k)fluoranthene	23.130	252	6345	0.411	ng		98
39) Benzo(a)pyrene	23.695	252	5414	0.404	ng		95
40) Dibenzo(a,h)anthracene	26.259	278	5635	0.394	ng		97
41) Benzo(g,h,i)perylene	26.958	276	6909	0.419	ng		99

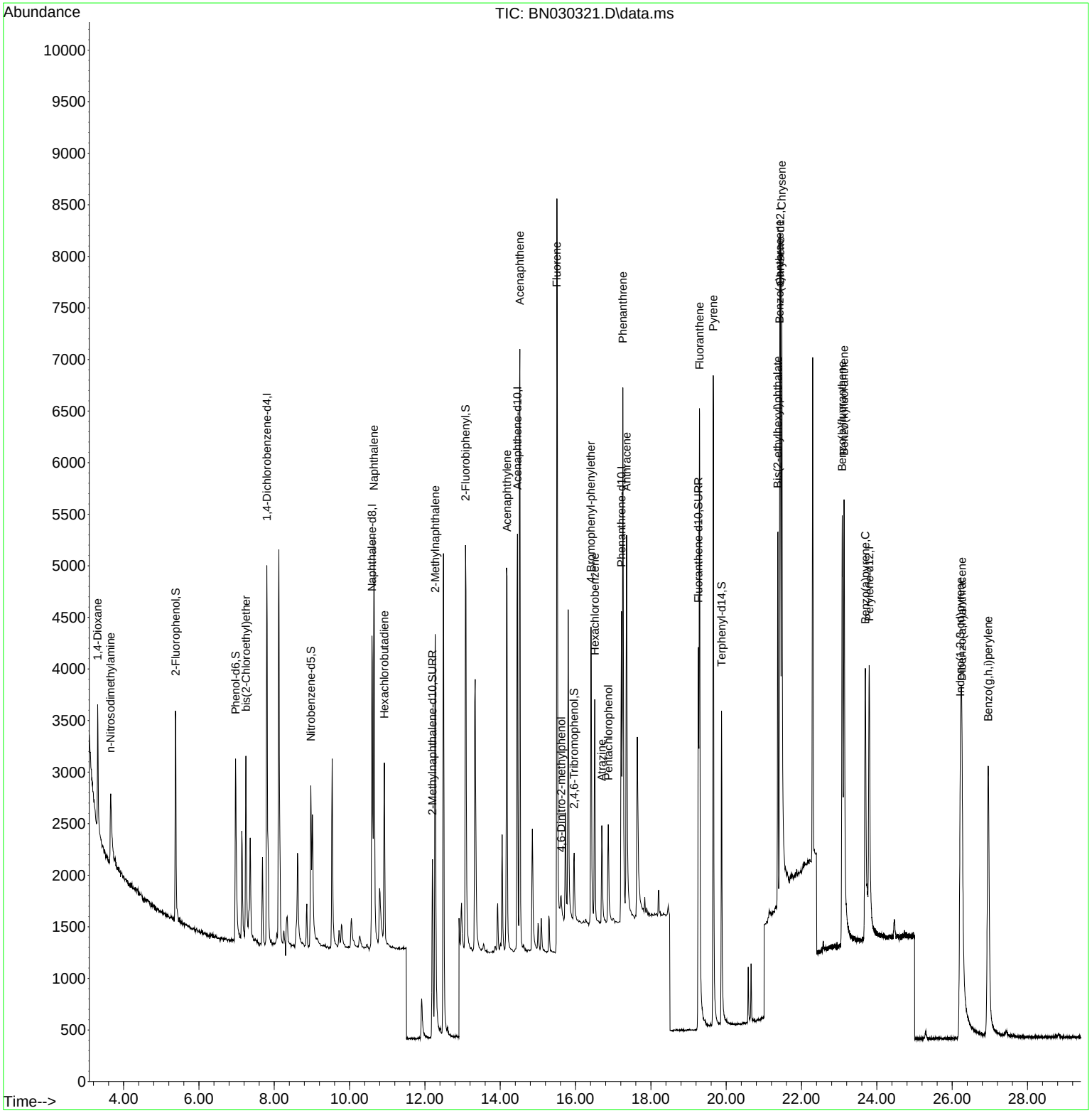
(#) = qualifier out of range (m) = manual integration (+) = signals summed

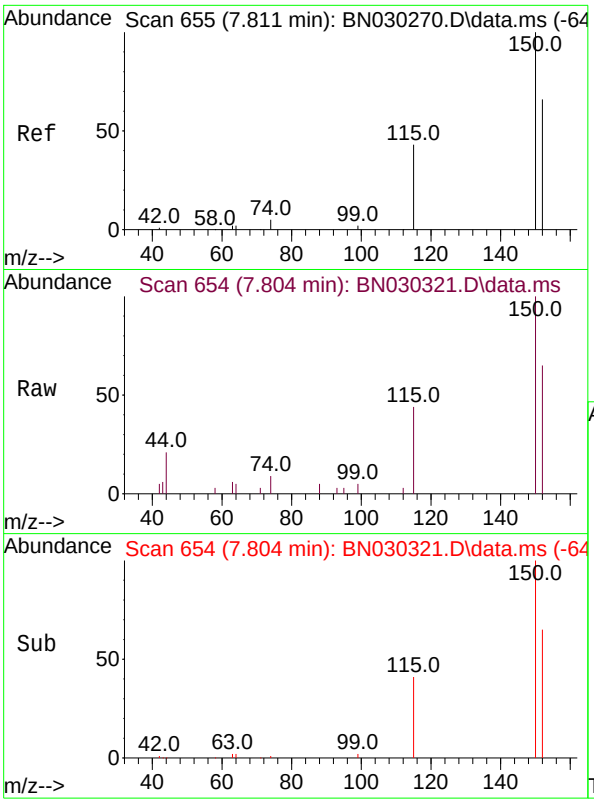
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
Data File : BN030321.D
Acq On : 07 Mar 2024 10:02
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 07 11:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration



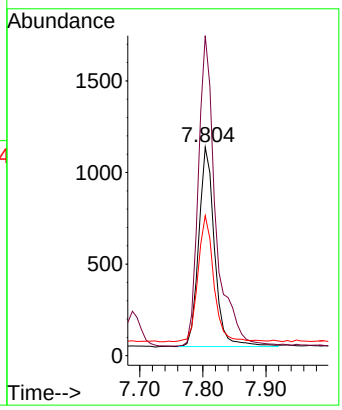


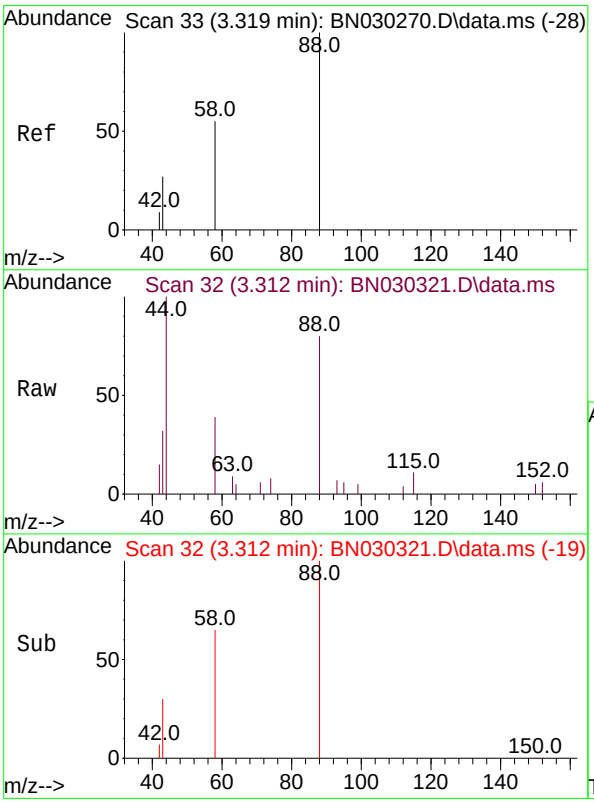
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1896

Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.4	179.0
115	67.2	56.9	85.3

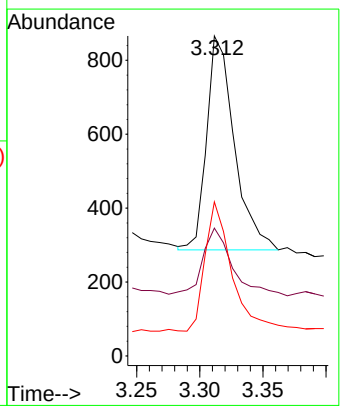


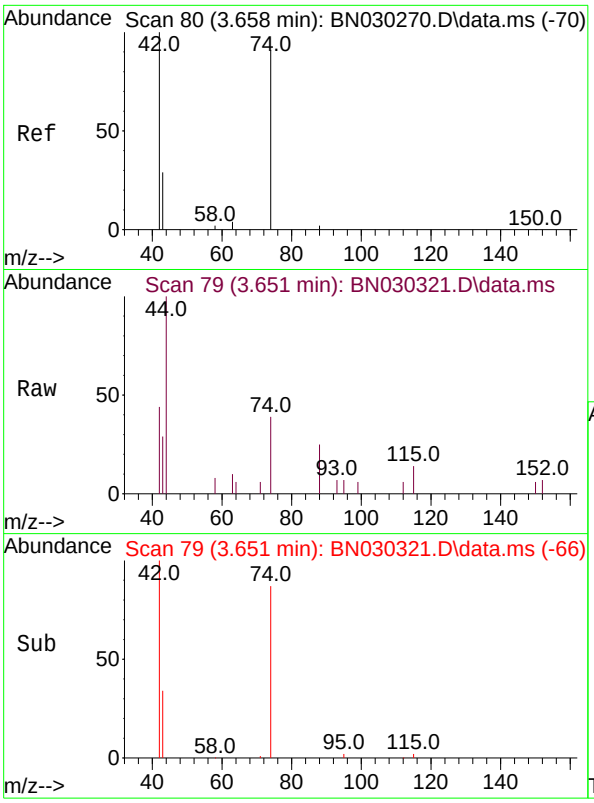


#2
1,4-Dioxane
Concen: 0.359 ng
RT: 3.312 min Scan# 32
Delta R.T. -0.007 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion: 88 Resp: 883

Ion	Ratio	Lower	Upper
88	100		
43	34.0	23.8	35.8
58	59.3	46.2	69.4



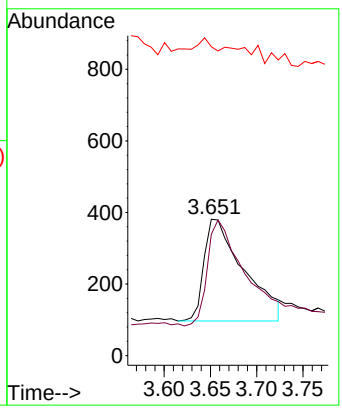


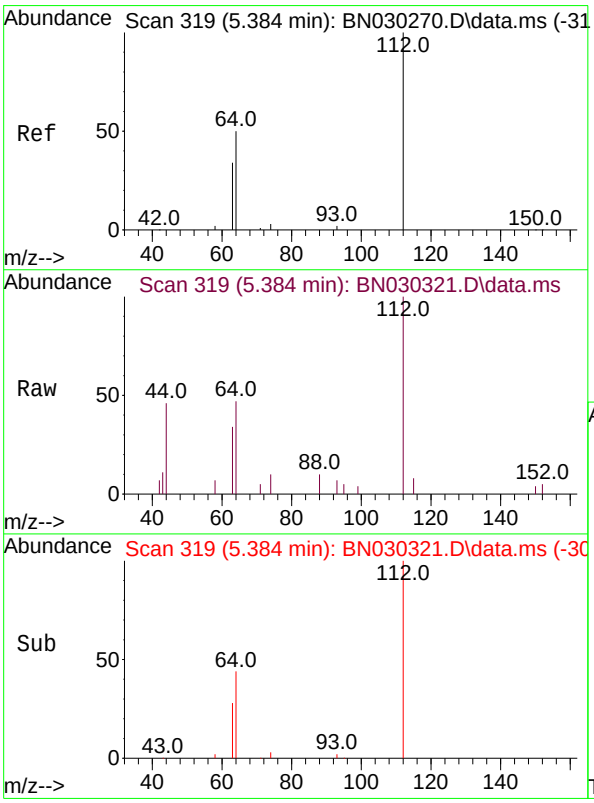
#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.651 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 848

Ion	Ratio	Lower	Upper
42	100		
74	99.6	79.4	119.0
44	3.4	0.0	0.0#

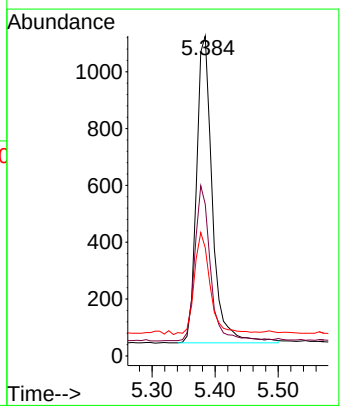


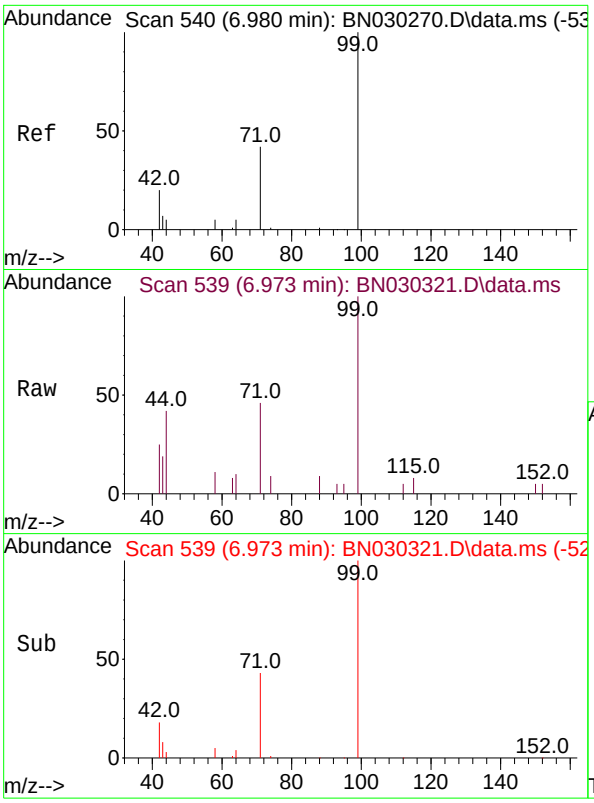


#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:112 Resp: 1879

Ion	Ratio	Lower	Upper
112	100		
64	49.5	41.8	62.8
63	34.1	27.1	40.7



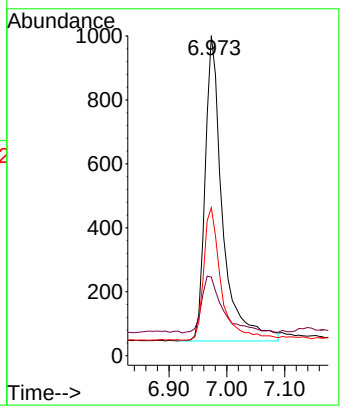


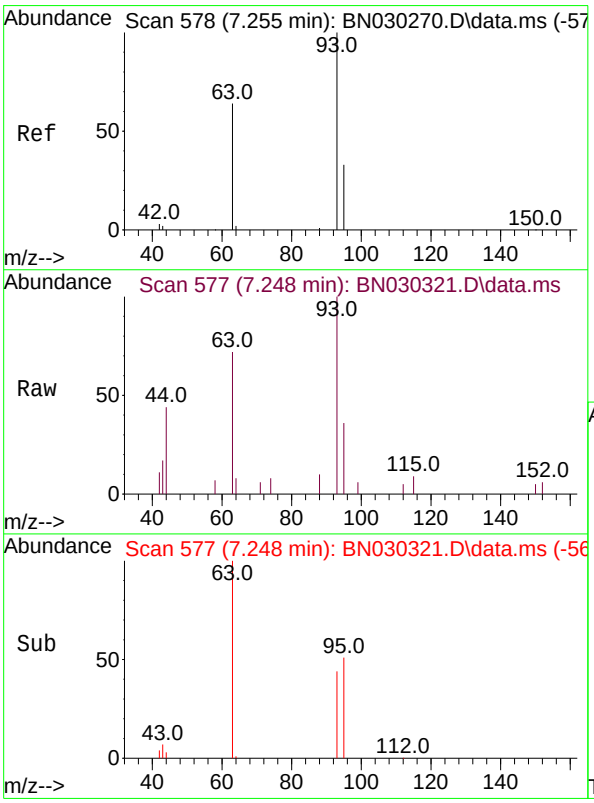
#5
Phenol-d6
Concen: 0.382 ng
RT: 6.973 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1999

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.0	28.6
71	44.1	36.0	54.0

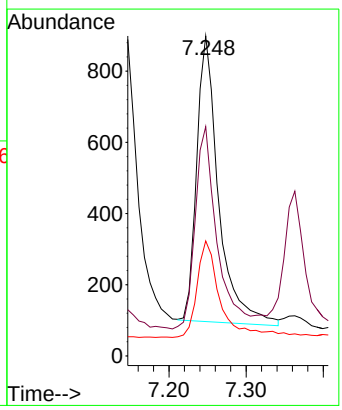


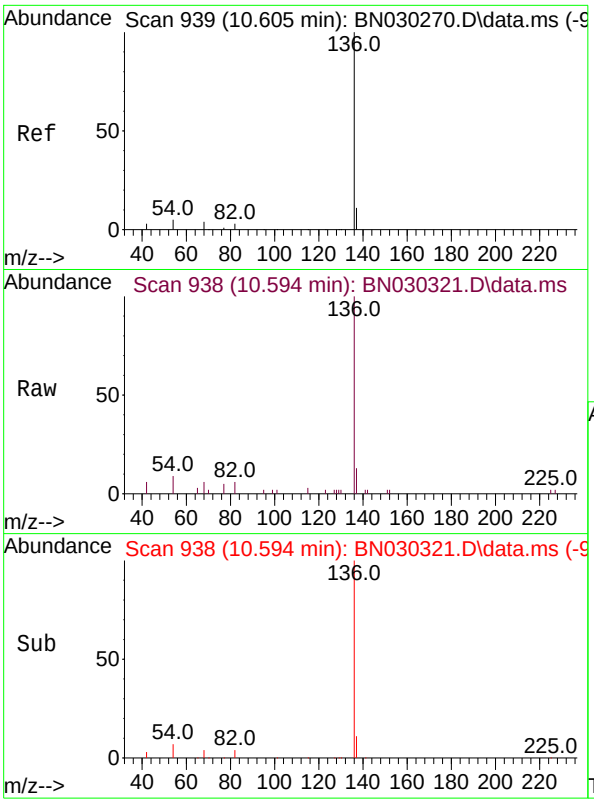


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion: 93 Resp: 1574

Ion	Ratio	Lower	Upper
93	100		
63	71.9	57.7	86.5
95	37.3	28.6	43.0



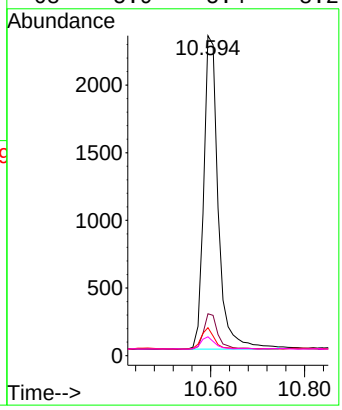


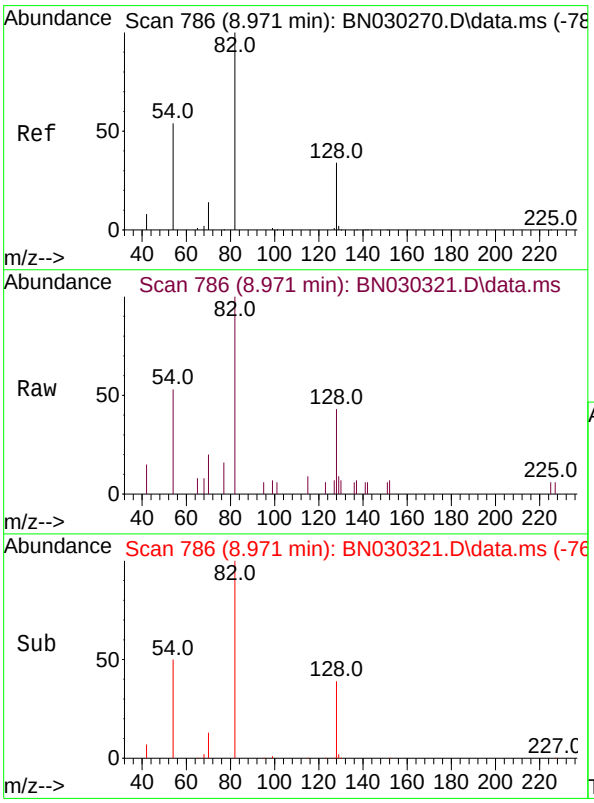
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4970

Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.5	15.7
54	8.8	6.4	9.6
68	5.9	5.4	8.2

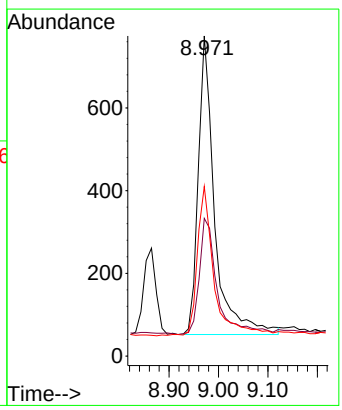


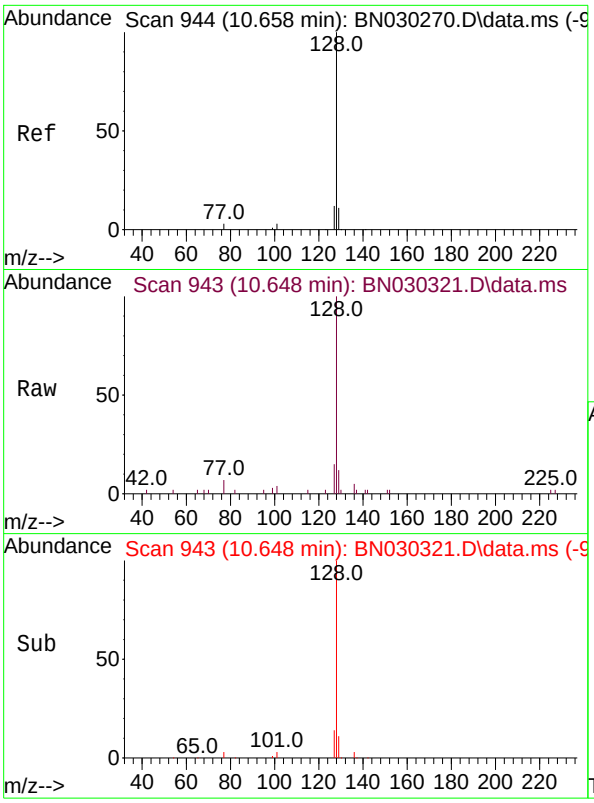


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion: 82 Resp: 1663

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.2	48.2
54	53.0	47.3	70.9



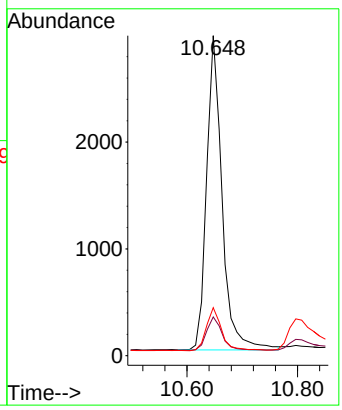


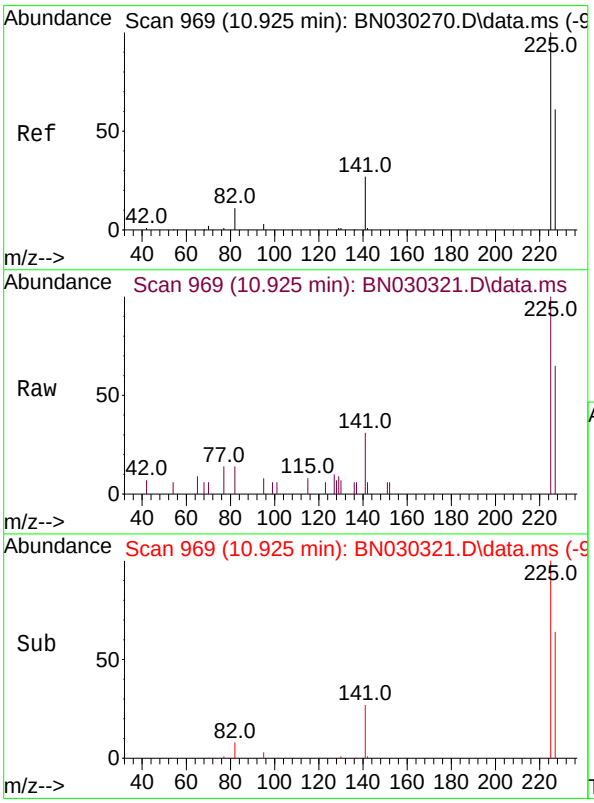
#9
Naphthalene
Concen: 0.414 ng
RT: 10.648 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5750

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.8	16.2
127	15.0	11.7	17.5

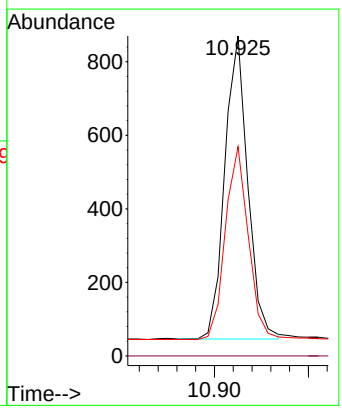


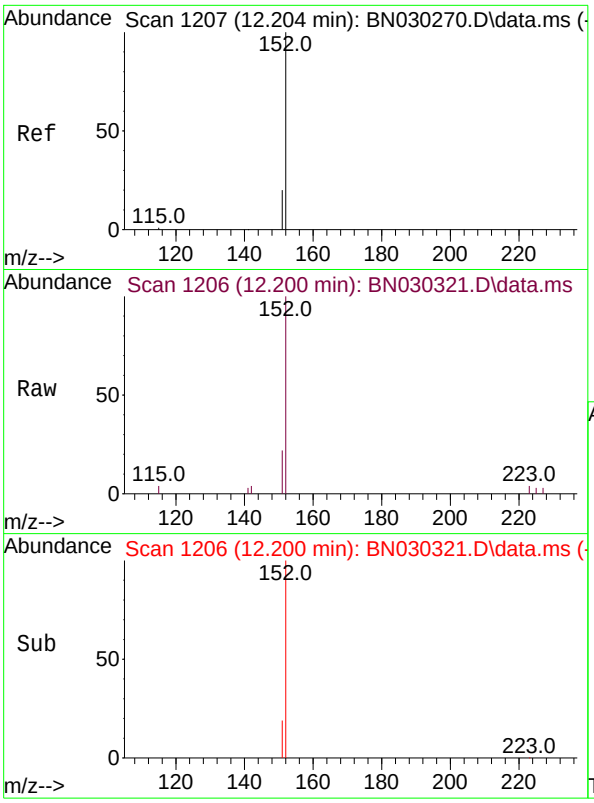


#10
Hexachlorobutadiene
Concen: 0.442 ng
RT: 10.925 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:225 Resp: 1400

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.6	76.0



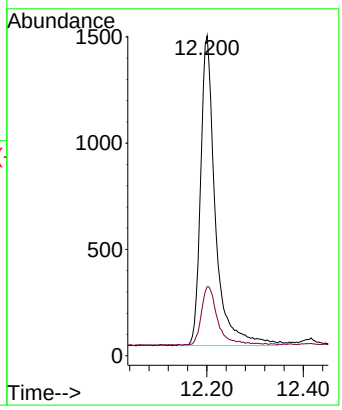


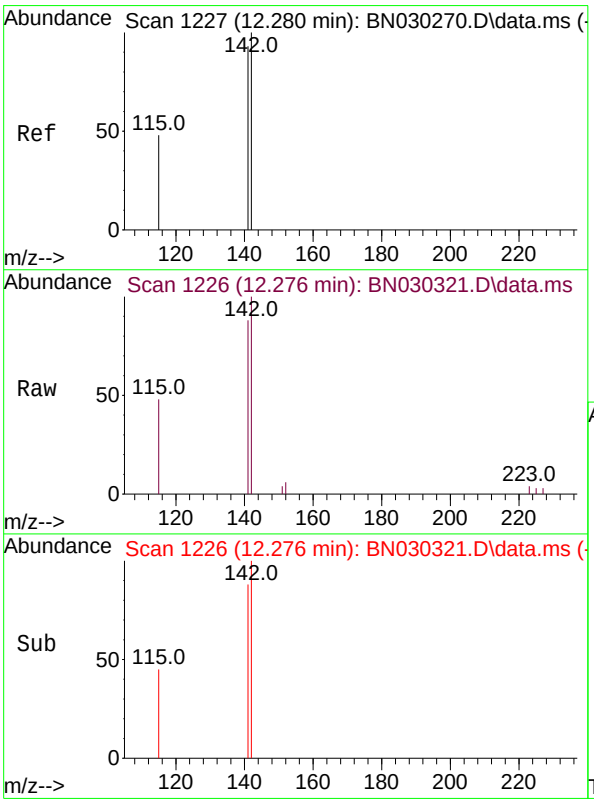
#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 12.200 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3096

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.7	25.1

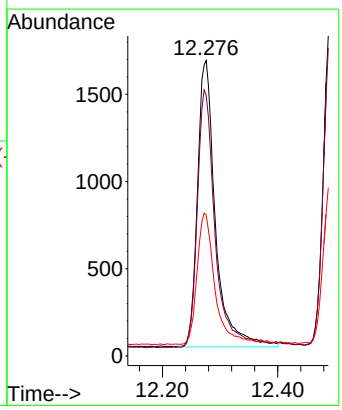


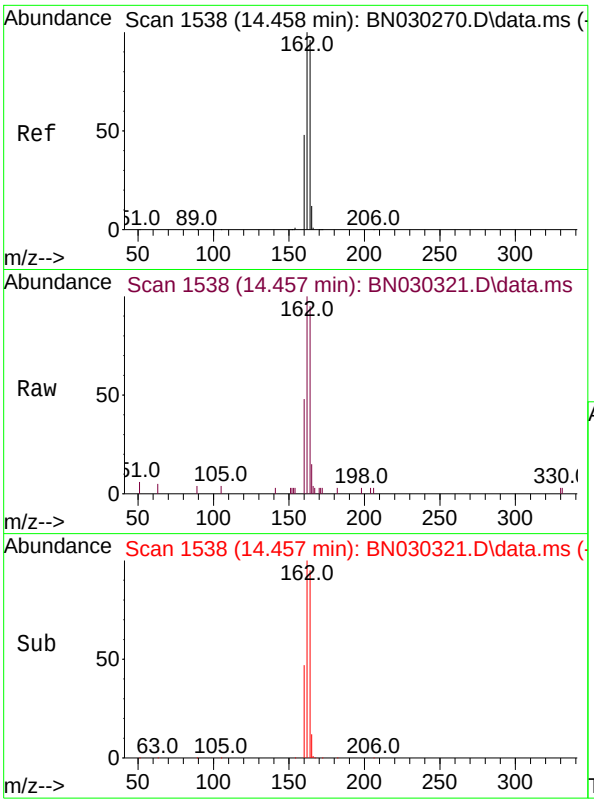


#12
2-Methylnaphthalene
Concen: 0.417 ng
RT: 12.276 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:142 Resp: 3567

Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.2	111.4
115	47.6	40.7	61.1



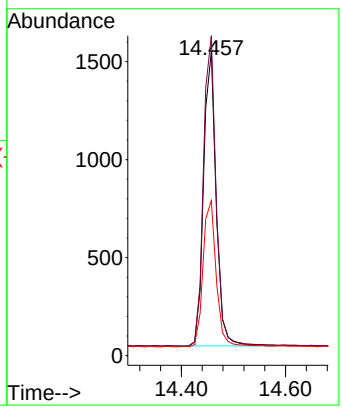


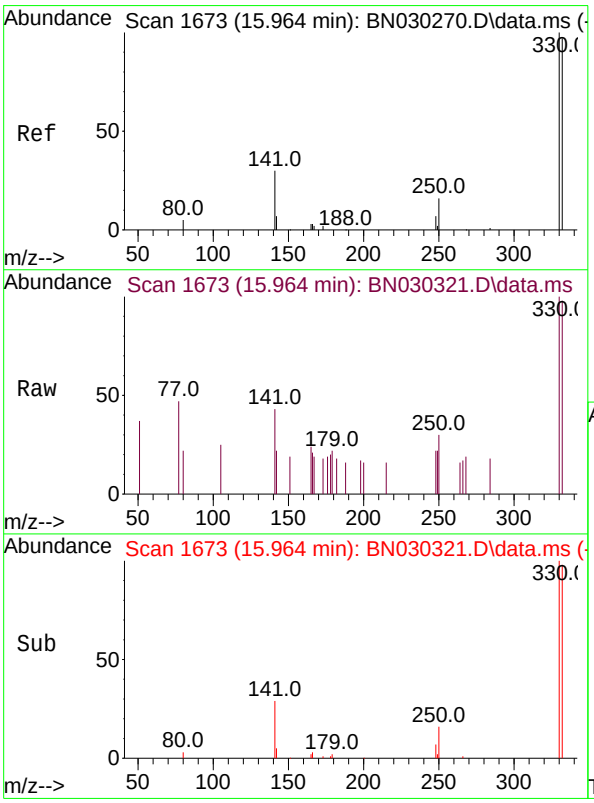
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.457 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2502

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.4	125.2
160	51.0	41.7	62.5

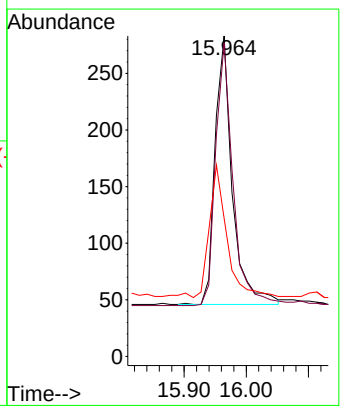


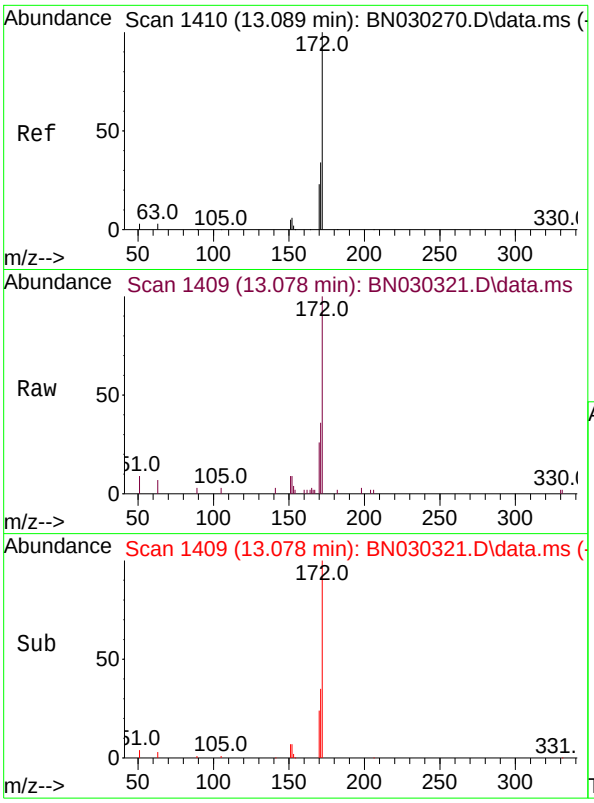


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.964 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:330 Resp: 457

Ion	Ratio	Lower	Upper
330	100		
332	99.1	72.6	108.8
141	48.8	41.3	61.9



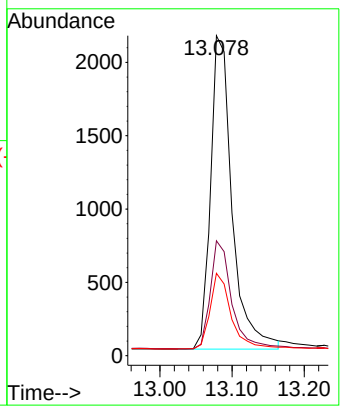


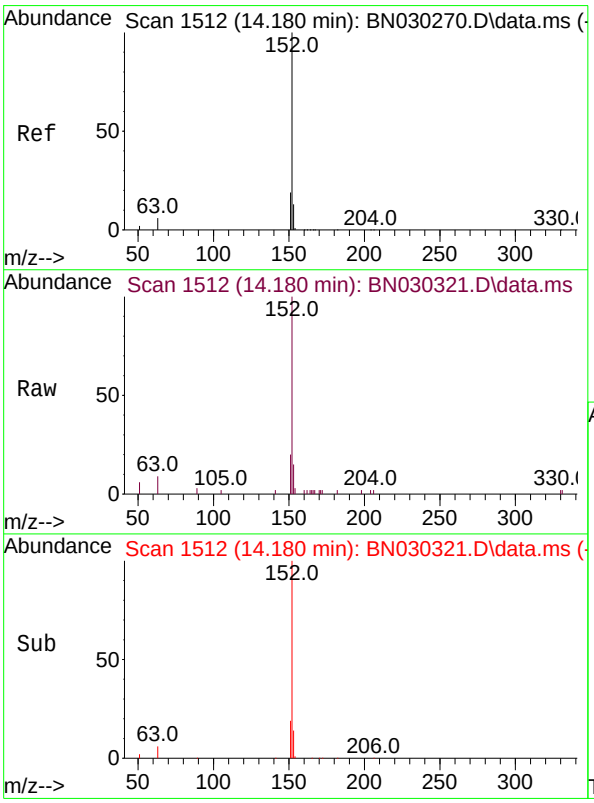
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.078 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4432

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	25.8	20.2	30.2

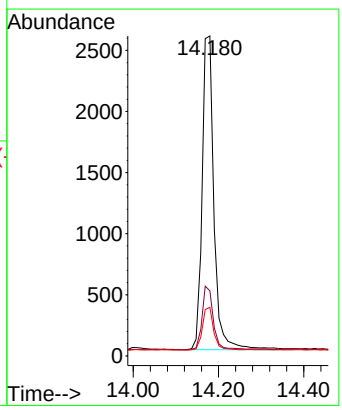


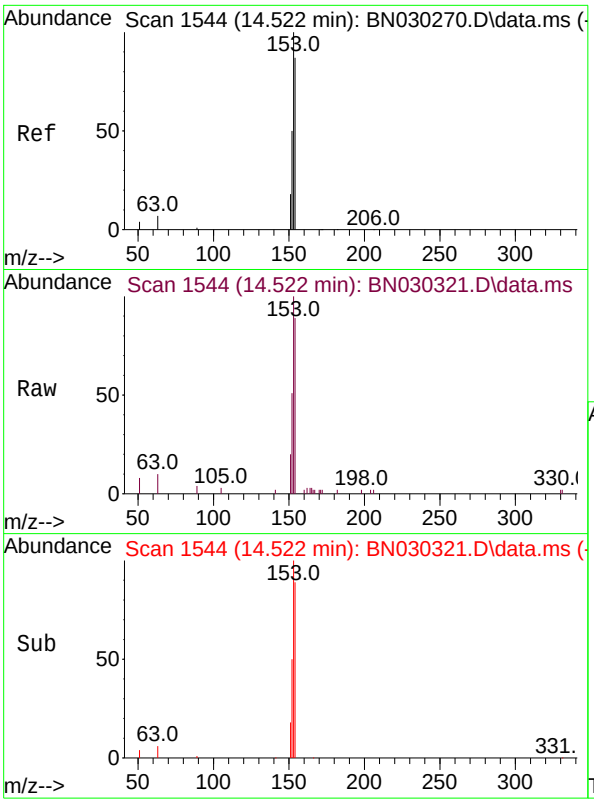


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.180 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:152 Resp: 4925

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.1	10.3	15.5



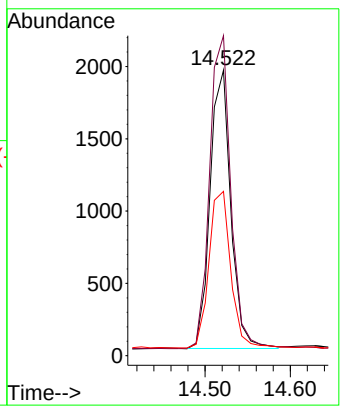


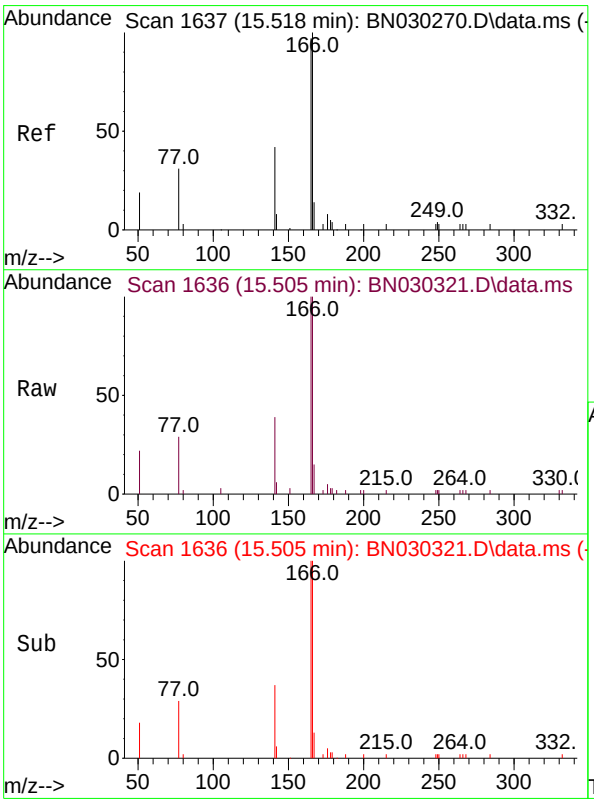
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3260

Ion	Ratio	Lower	Upper
154	100		
153	115.9	92.9	139.3
152	58.8	47.3	70.9

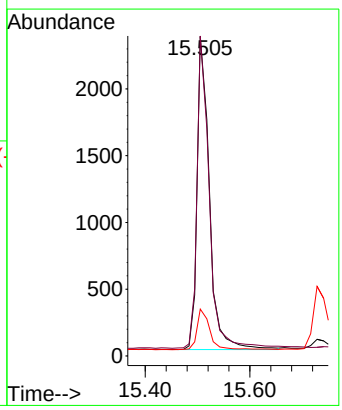


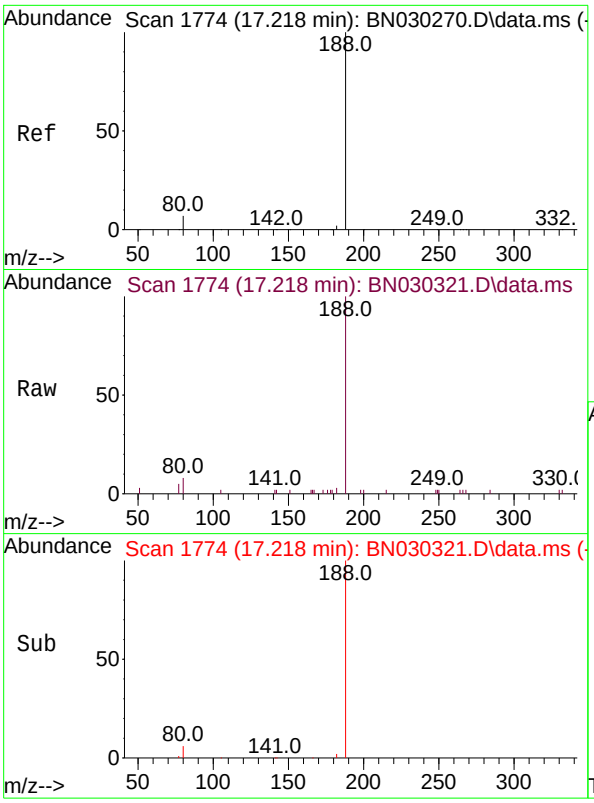


#18
Fluorene
Concen: 0.412 ng
RT: 15.505 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:166 Resp: 3861

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.9	119.9
167	13.5	11.0	16.4



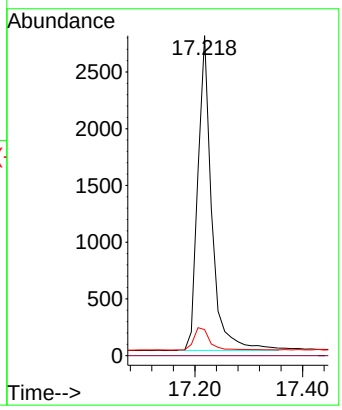


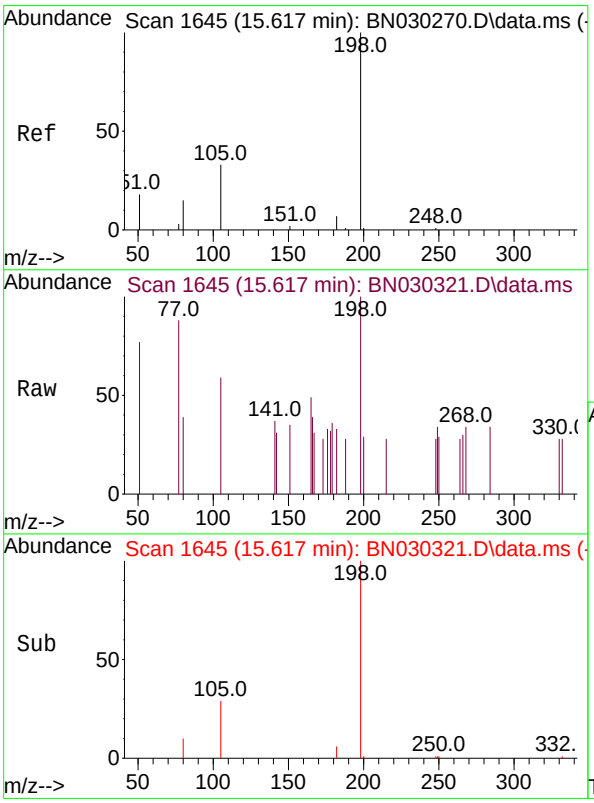
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 4977

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.8	11.6

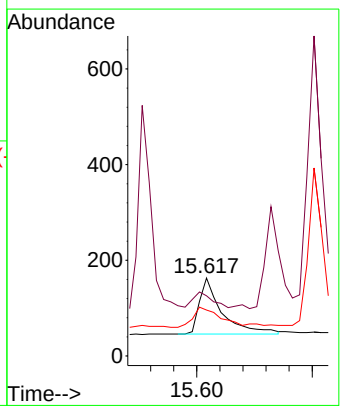


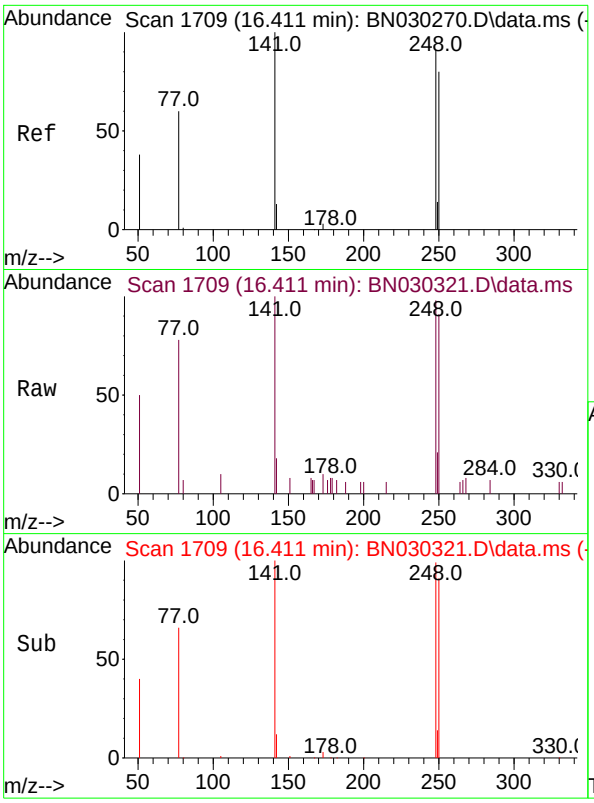


#20
4,6-Dinitro-2-methylphenol
Concen: 0.308 ng
RT: 15.617 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:198 Resp: 318

Ion	Ratio	Lower	Upper
198	100		
51	77.3	67.4	101.2
105	58.9	50.8	76.2



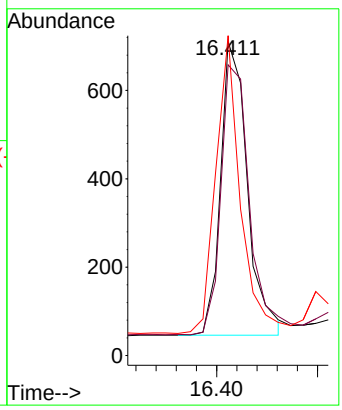


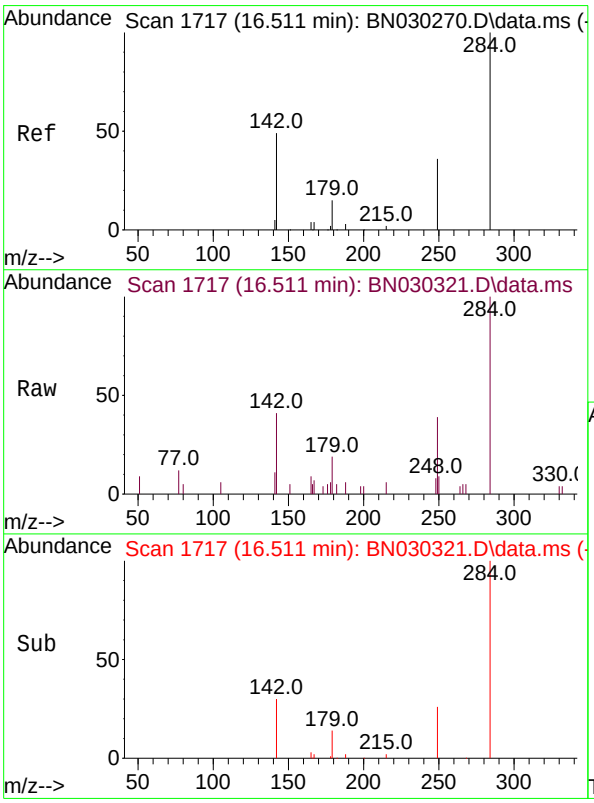
#21
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.411 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1226

Ion	Ratio	Lower	Upper
248	100		
250	92.5	71.3	106.9
141	101.8	88.0	132.0

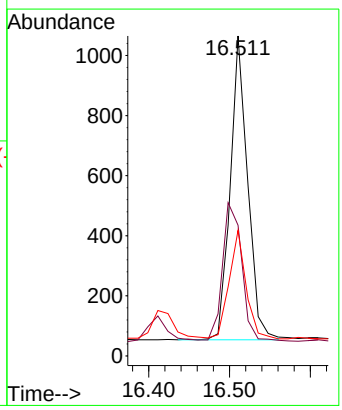


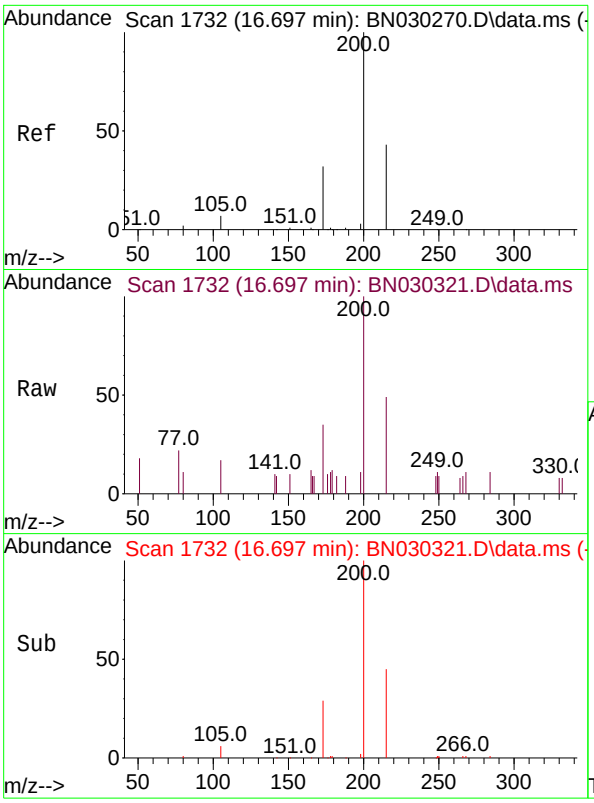


#22
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.511 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:284 Resp: 1515

Ion	Ratio	Lower	Upper
284	100		
142	49.4	41.0	61.6
249	34.7	27.4	41.2



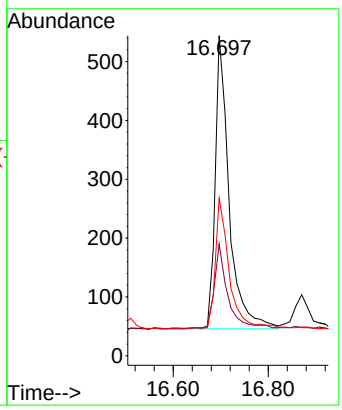


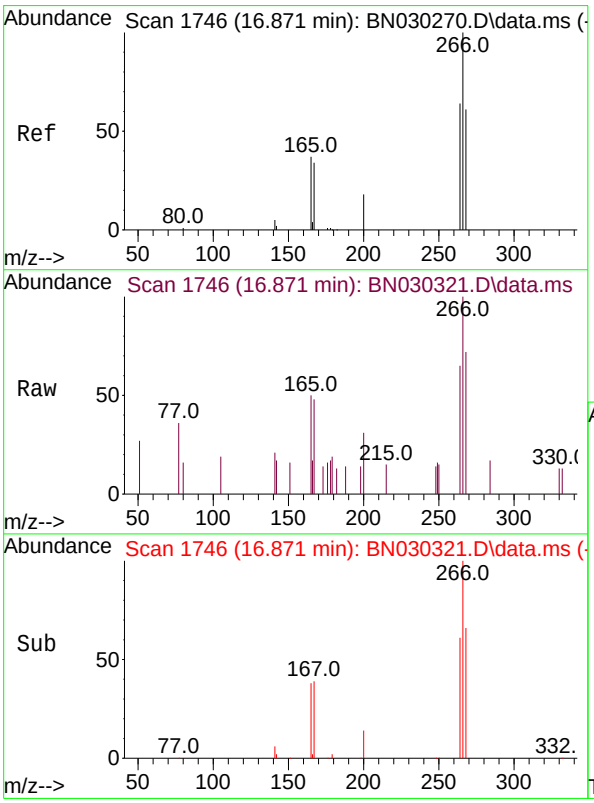
#23
Atrazine
Concen: 0.375 ng
RT: 16.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1010

Ion	Ratio	Lower	Upper
200	100		
173	34.9	30.8	46.2
215	49.3	38.7	58.1

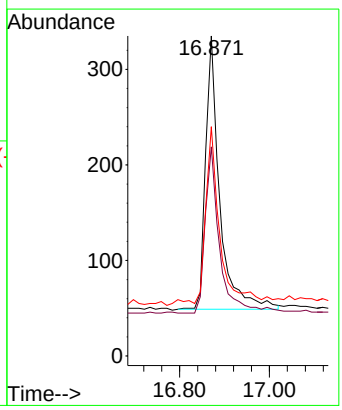


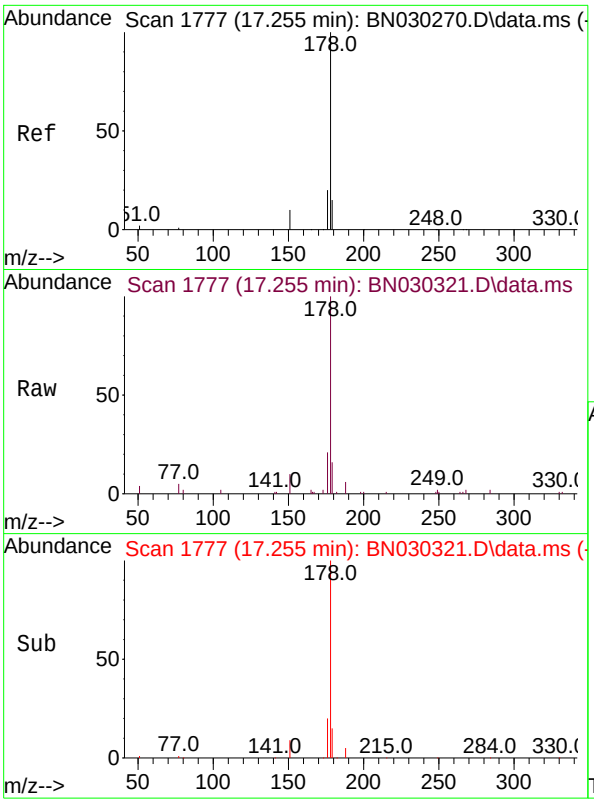


#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.871 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:266 Resp: 623

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.1	73.7
268	59.7	49.2	73.8



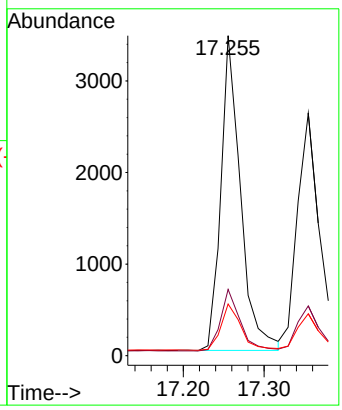


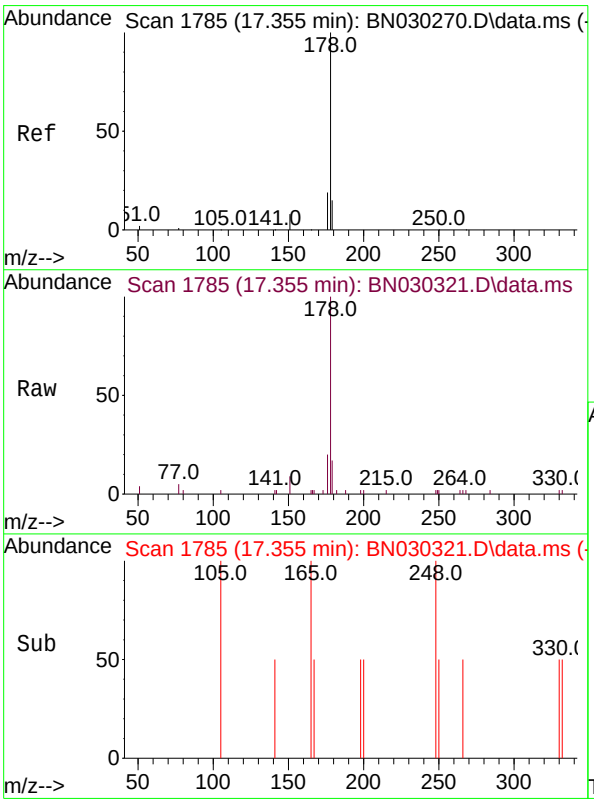
#25
Phenanthrene
Concen: 0.409 ng
RT: 17.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 5815

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.0	12.4	18.6

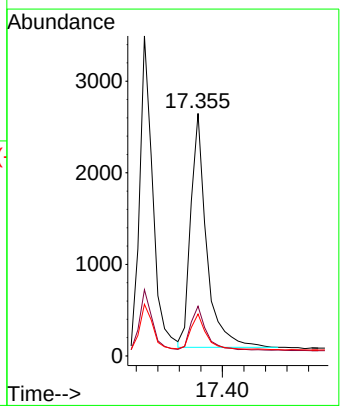


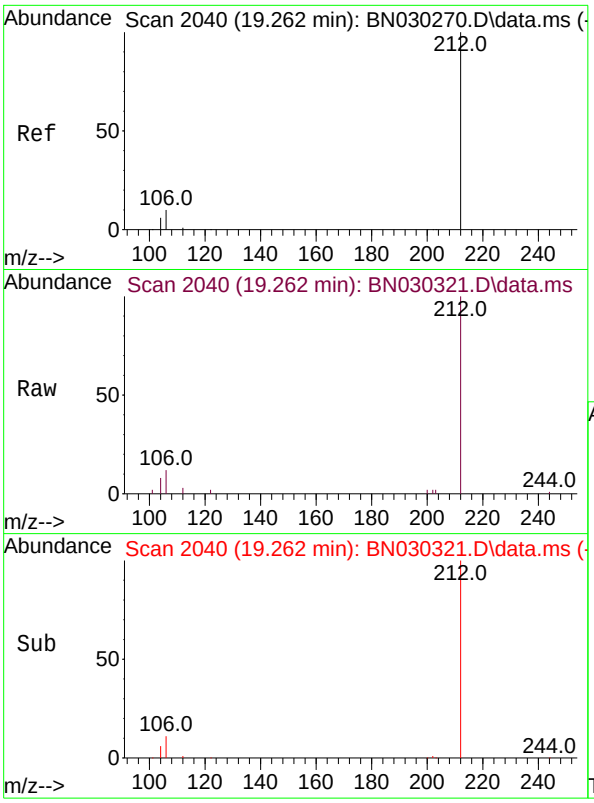


#26
Anthracene
Concen: 0.398 ng
RT: 17.355 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:178 Resp: 5209

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.0	12.5	18.7



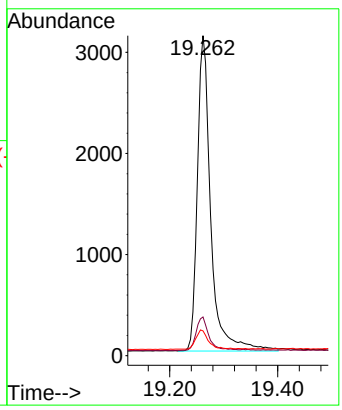


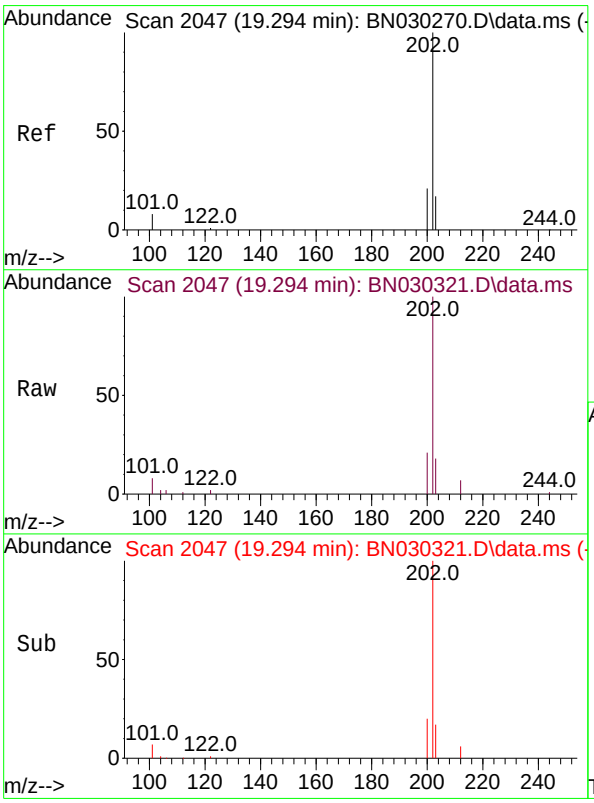
#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.262 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5362

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.4
104	5.6	4.7	7.1

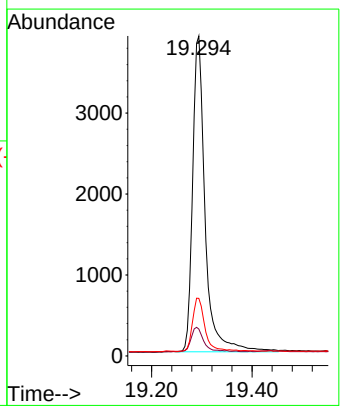


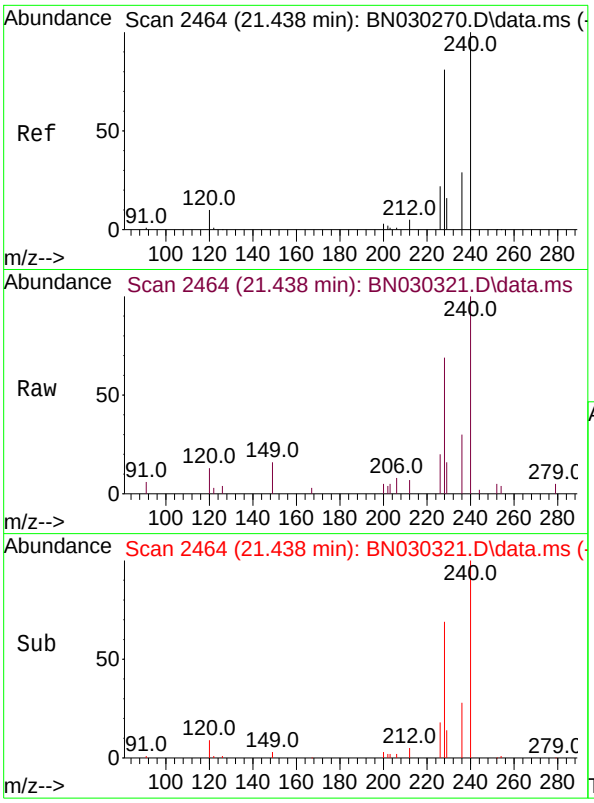


#28
Fluoranthene
Concen: 0.389 ng
RT: 19.294 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:202 Resp: 6746

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.3	9.5
203	16.9	13.4	20.0



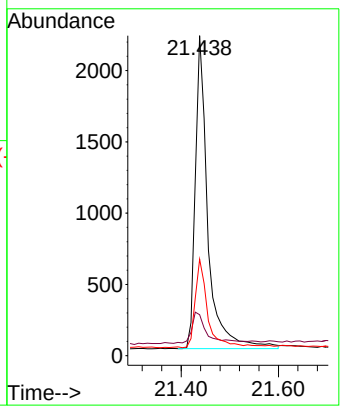


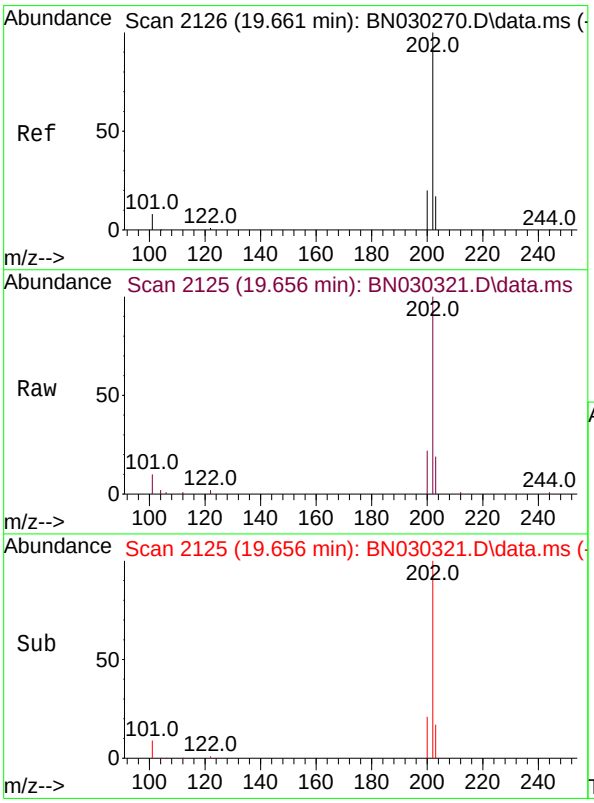
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3923

Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.2	18.2
236	30.2	25.2	37.8

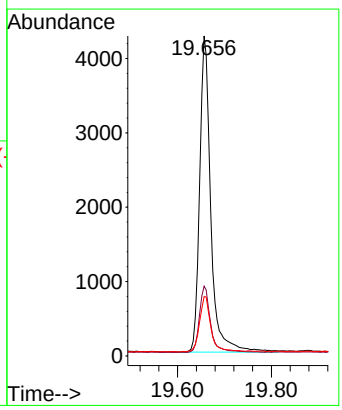


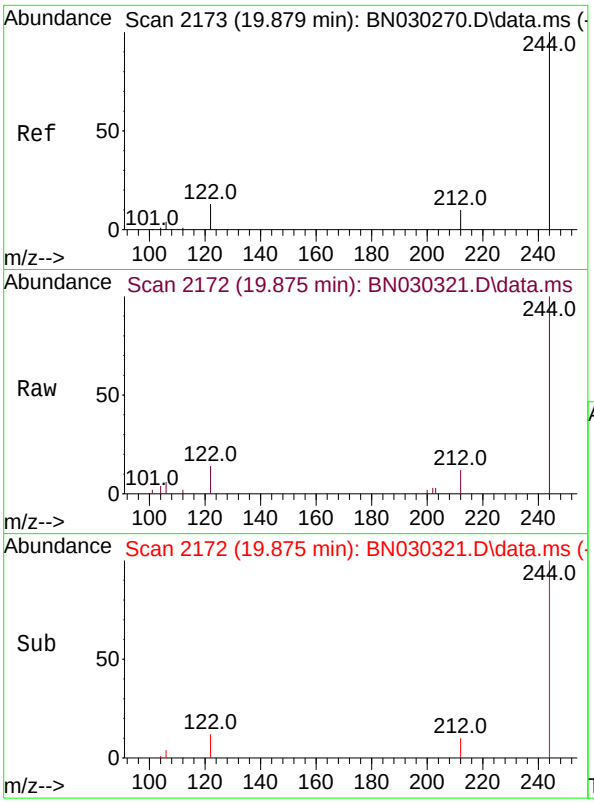


#30
Pyrene
Concen: 0.424 ng
RT: 19.656 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:202 Resp: 6986

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	14.1	21.1



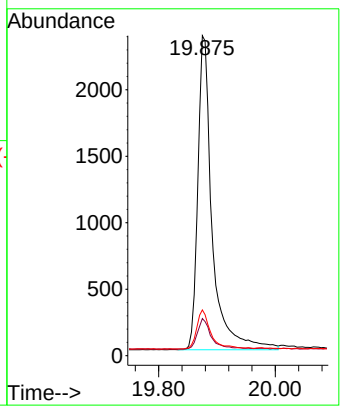


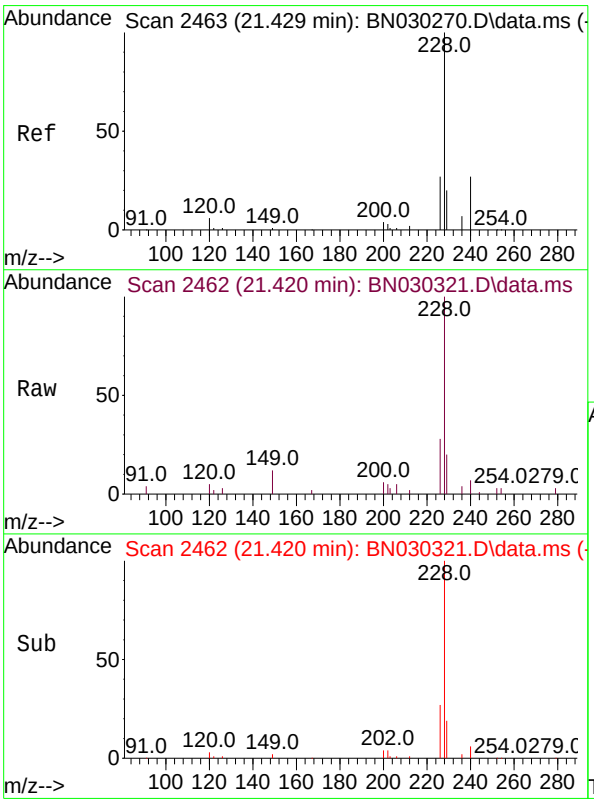
#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.875 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4058

Ion	Ratio	Lower	Upper
244	100		
212	11.6	9.5	14.3
122	14.3	11.8	17.6

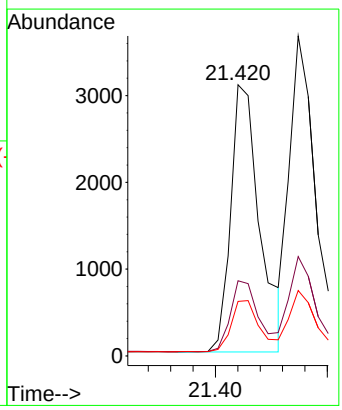


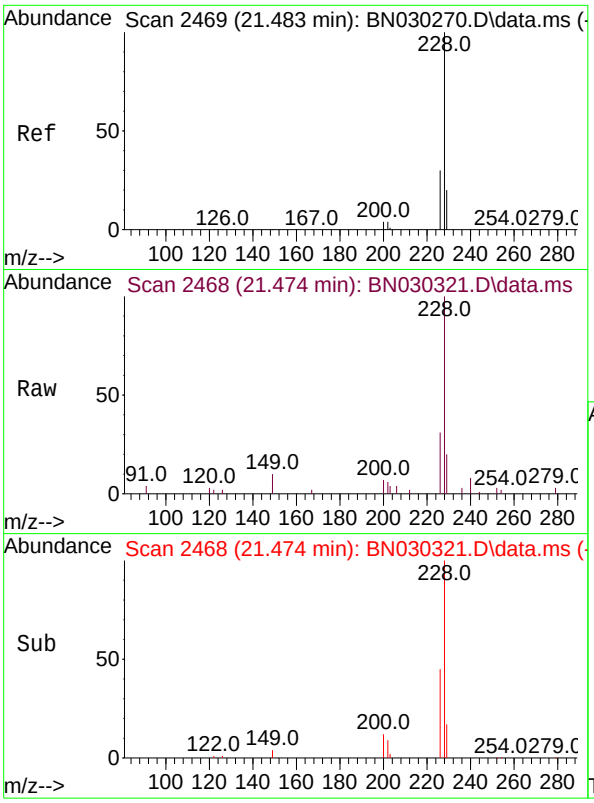


#32
Benzo(a)anthracene
Concen: 0.403 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.009 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:228 Resp: 5550

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.1	34.7
229	20.1	17.0	25.4



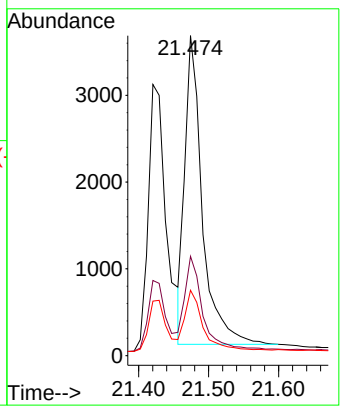


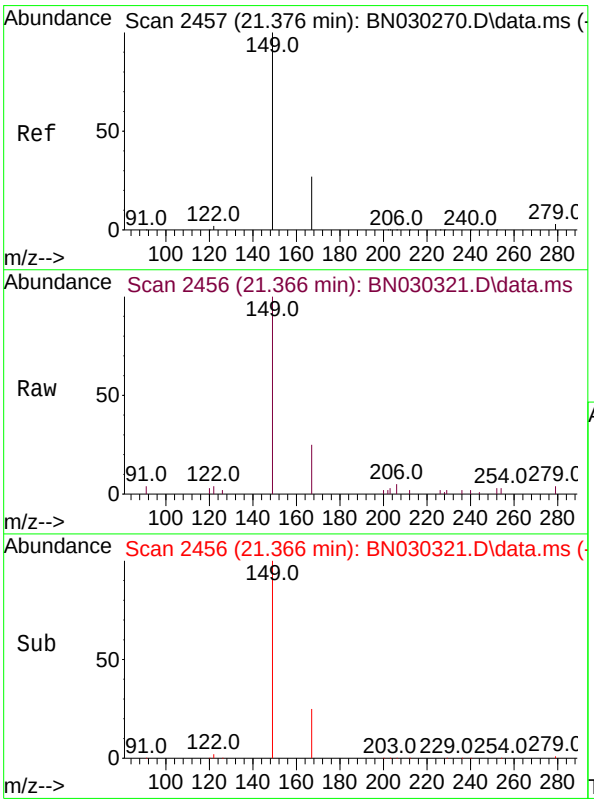
#33
Chrysene
Concen: 0.413 ng
RT: 21.474 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6150

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	20.5	17.3	25.9

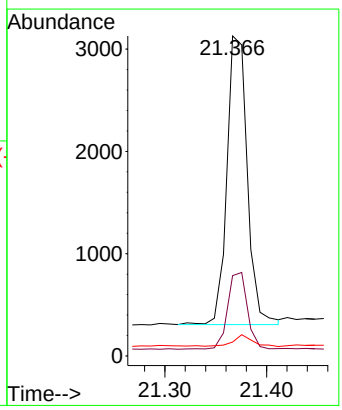


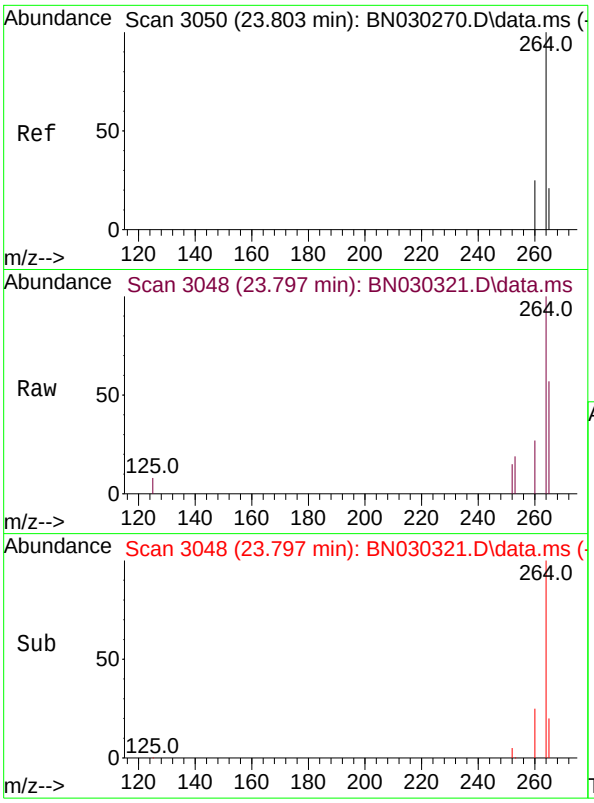


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.359 ng
RT: 21.366 min Scan# 2456
Delta R.T. -0.009 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:149 Resp: 3932

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.6	30.8
279	3.7	4.0	6.0#



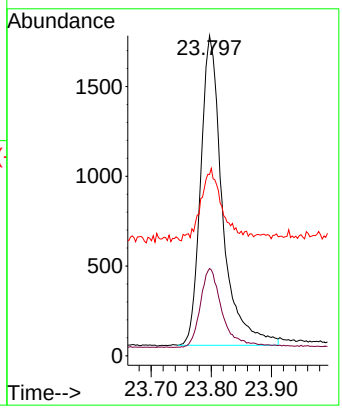


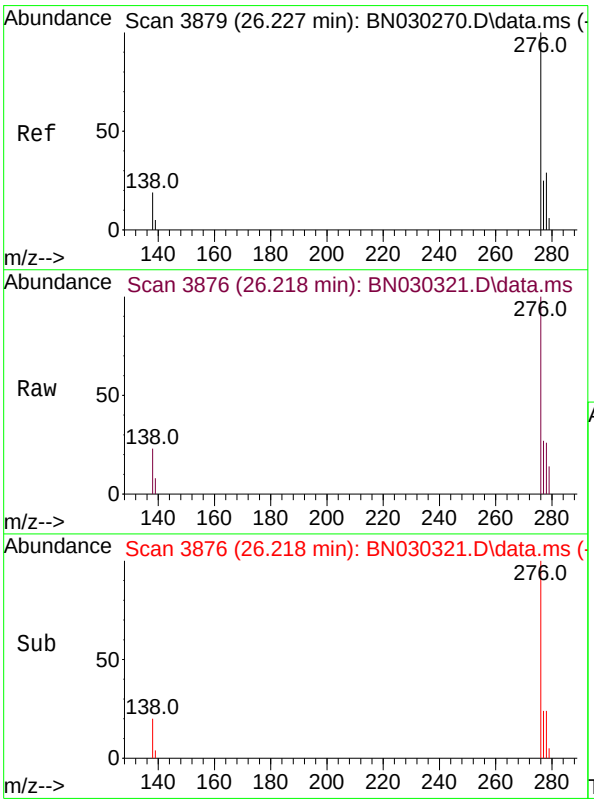
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.797 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 4345

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.7	32.5
265	56.6	50.8	76.2

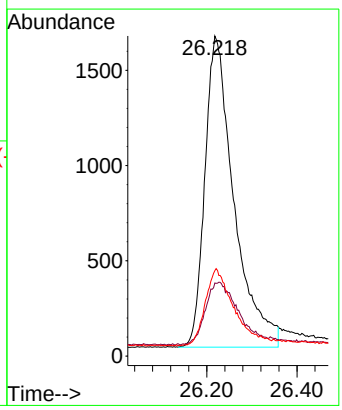


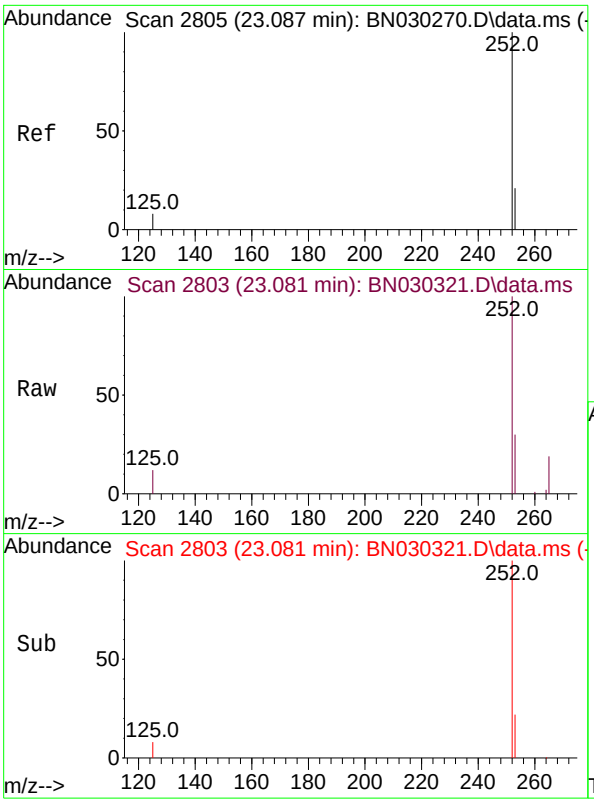


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.218 min Scan# 3876
Delta R.T. -0.009 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:276 Resp: 7307

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.4	26.2
277	24.6	18.9	28.3



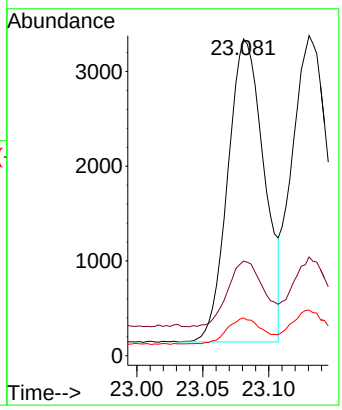


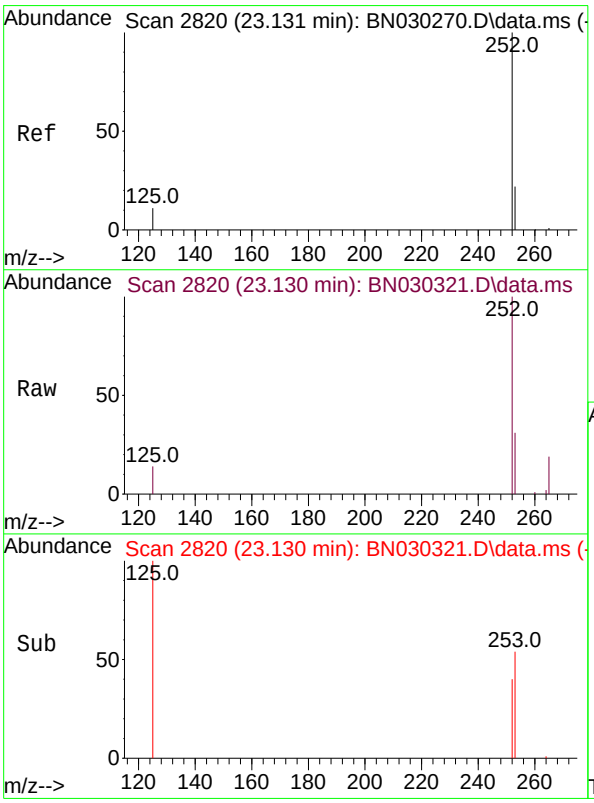
#37
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.081 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6126

Ion	Ratio	Lower	Upper
252	100		
253	29.8	25.4	38.0
125	11.9	10.0	15.0

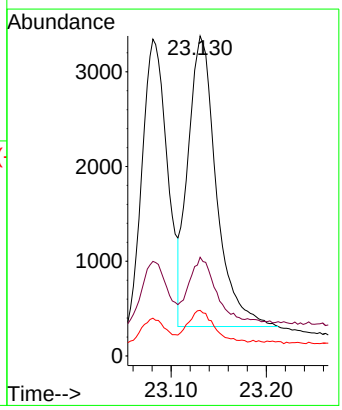


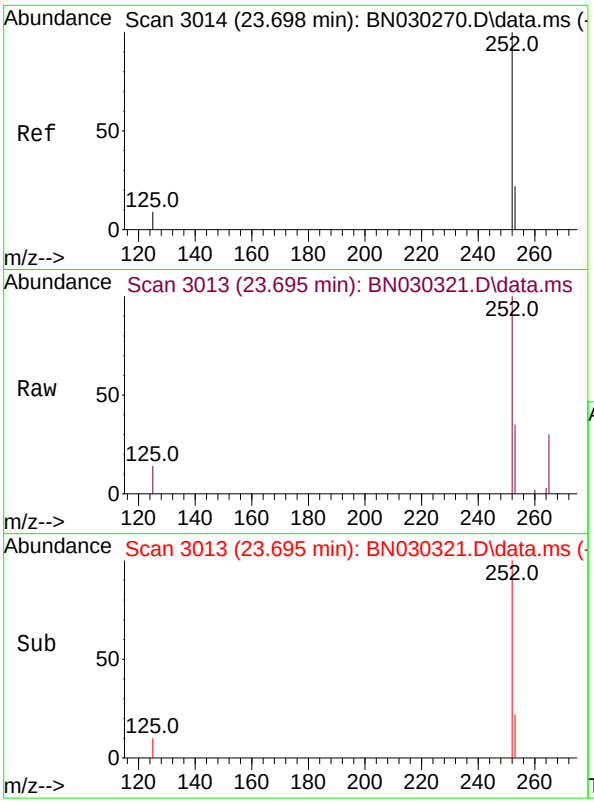


#38
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.130 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:252 Resp: 6345

Ion	Ratio	Lower	Upper
252	100		
253	30.9	25.7	38.5
125	14.3	11.5	17.3



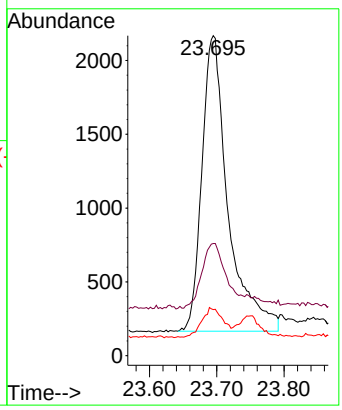


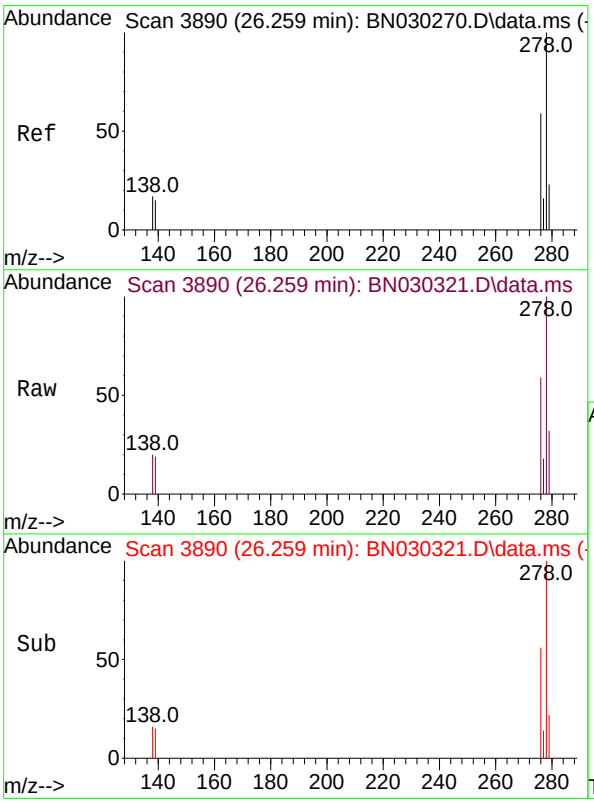
#39
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.695 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5414

Ion	Ratio	Lower	Upper
252	100		
253	35.1	30.8	46.2
125	14.4	12.5	18.7

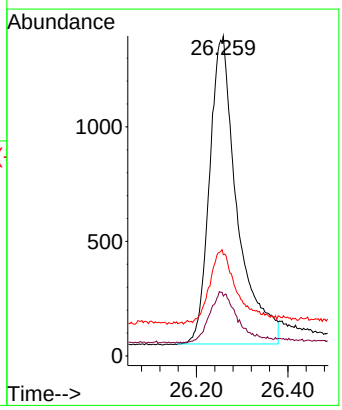


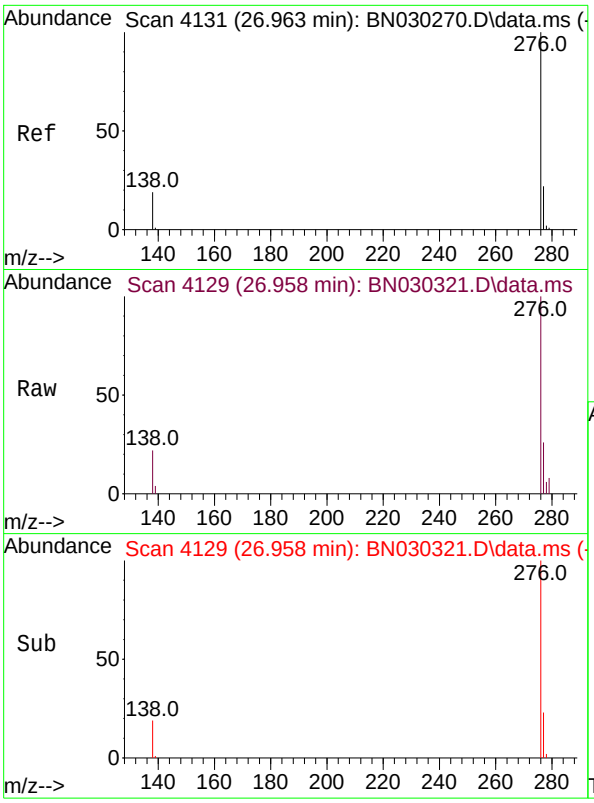


#40
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.259 min Scan# 3890
Delta R.T. -0.000 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Tgt Ion:278 Resp: 5635

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.5	23.3
279	31.6	27.3	40.9





#41
Benzo(g,h,i)perylene
Concen: 0.419 ng
RT: 26.958 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN030321.D
Acq: 07 Mar 2024 10:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6909

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.6	30.8
138	21.6	18.2	27.4