Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031380.D
Acq On : 02 May 2024 20:28
Operator : MA/JU
Sample : PB160578BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 03 01:11:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	3047	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	8354	0.400	ng	0.00
13) Acenaphthene-d10	14.242	164	4524	0.400	ng	0.00
19) Phenanthrene-d10	17.003	188	8971	0.400	ng	# 0.00
29) Chrysene-d12	21.202	240	6792	0.400	ng	0.00
35) Perylene-d12	23.399	264	3781	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	2413	0.355	ng	0.00
5) Phenol-d6	6.786	99	2657	0.323	ng	0.00
8) Nitrobenzene-d5	8.755	82	1981	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	6209	0.483	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	582	0.332	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	5353	0.352	ng	0.00
27) Fluoranthene-d10	19.040	212	7085	0.293	ng	0.00
31) Terphenyl-d14	19.644	244	5810	0.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	892	0.238	ng	# 58
3) n-Nitrosodimethylamine	3.464	42	1250	0.356	ng	# 84
6) bis(2-Chloroethyl)ether	7.039	93	2303	0.283	ng	95
9) Naphthalene	10.431	128	6619	0.287	ng	98
10) Hexachlorobutadiene	10.709	225	1500	0.324	ng	# 99
12) 2-Methylnaphthalene	12.050	142	4294	0.280	ng	# 94
16) Acenaphthylene	13.964	152	5816	0.292	ng	99
17) Acenaphthene	14.306	154	3834	0.272	ng	98
18) Fluorene	15.300	166	4850	0.260	ng	99
20) 4,6-Dinitro-2-methylph...	15.396	198	425	0.414	ng	# 88
21) 4-Bromophenyl-phenylether	16.197	248	1577	0.296	ng	# 90
22) Hexachlorobenzene	16.296	284	1889	0.304	ng	96
23) Atrazine	16.482	200	225	0.058	ng	90
24) Pentachlorophenol	16.656	266	1904	0.884	ng	99
25) Phenanthrene	17.041	178	7443	0.281	ng	99
26) Anthracene	17.128	178	6103	0.278	ng	99
28) Fluoranthene	19.067	202	8151	0.257	ng	97
30) Pyrene	19.434	202	7524	0.285	ng	99
32) Benzo(a)anthracene	21.184	228	7099	0.300	ng	99
33) Chrysene	21.238	228	7568	0.294	ng	99
34) Bis(2-ethylhexyl)phtha...	21.121	149	4942	0.456	ng	98
36) Indeno(1,2,3-cd)pyrene	25.606	276	8245	0.469	ng	95
37) Benzo(b)fluoranthene	22.738	252	7902	0.506	ng	93
38) Benzo(k)fluoranthene	22.738	252	7902	0.517	ng	92
39) Benzo(a)pyrene	23.302	252	4748	0.366	ng	# 81
40) Dibenzo(a,h)anthracene	25.627	278	7891	0.560	ng	95
41) Benzo(g,h,i)perylene	26.285	276	6717	0.433	ng	95

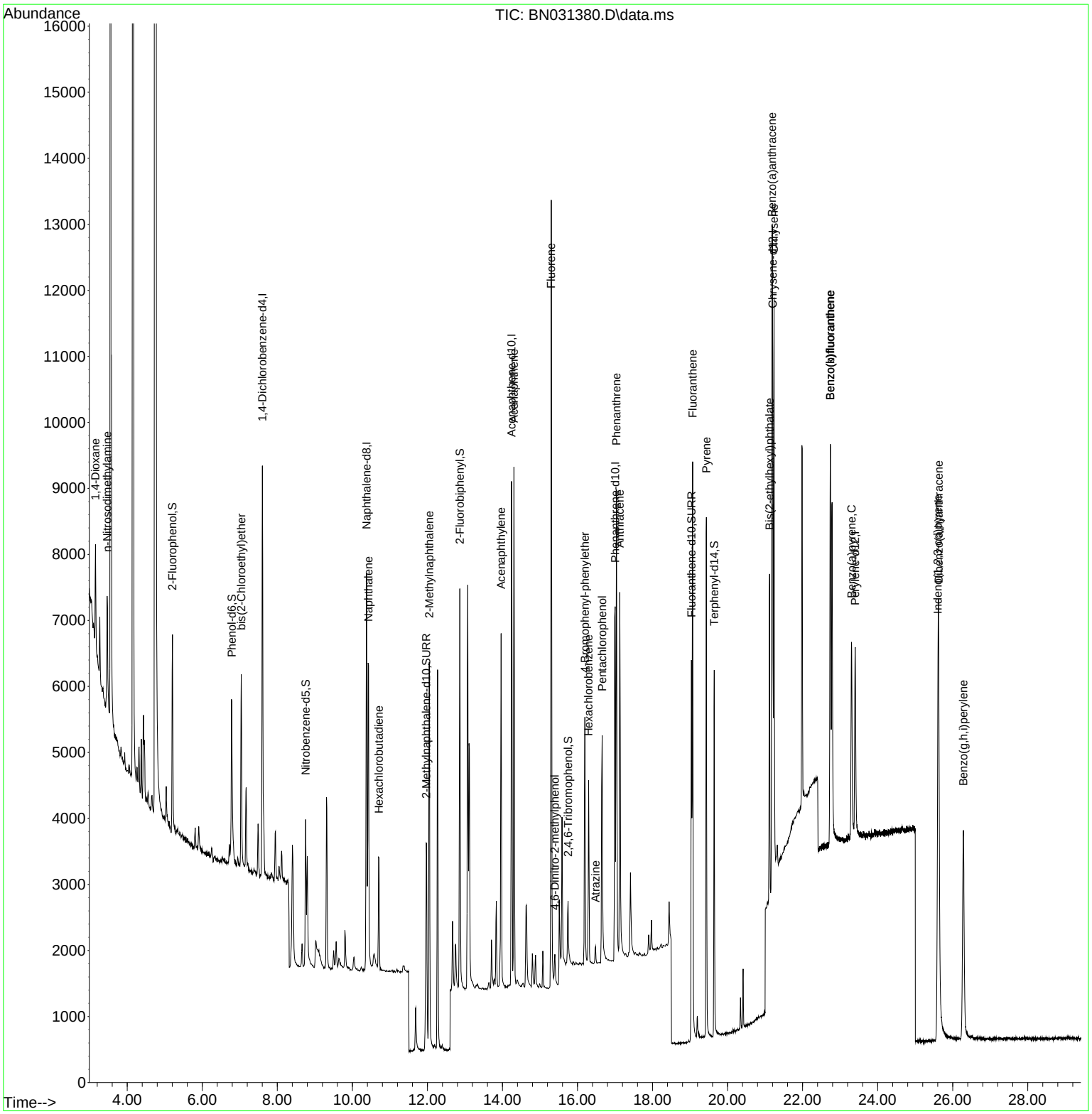
(#) = qualifier out of range (m) = manual integration (+) = signals summed

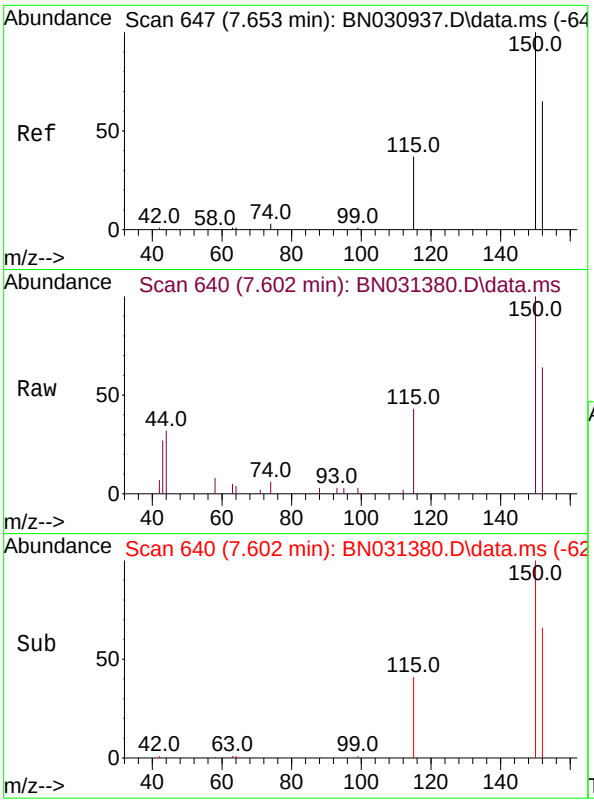
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031380.D
Acq On : 02 May 2024 20:28
Operator : MA/JU
Sample : PB160578BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 03 01:11:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration



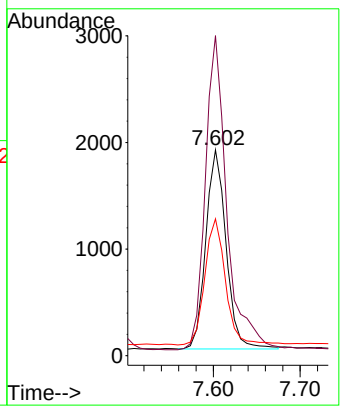


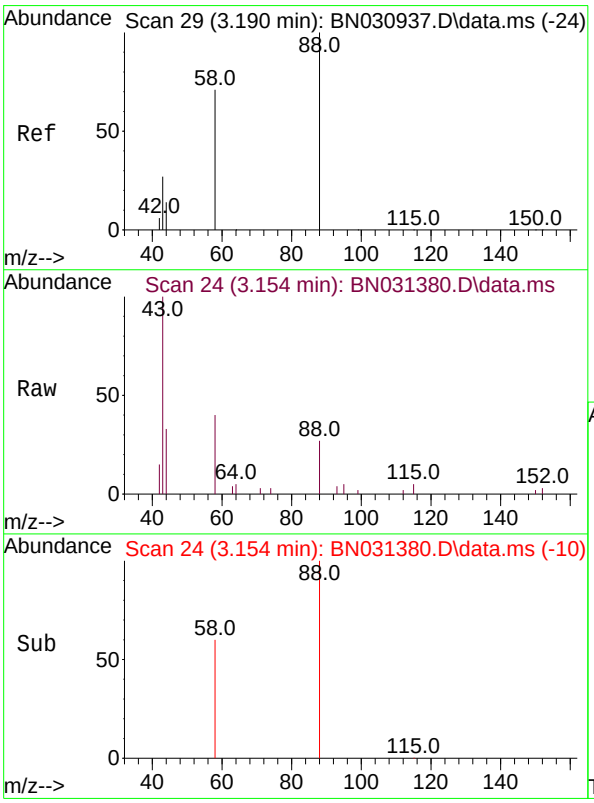
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.602 min Scan# 64
Delta R.T. -0.001 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3047

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.7	182.5
115	66.4	47.8	71.8

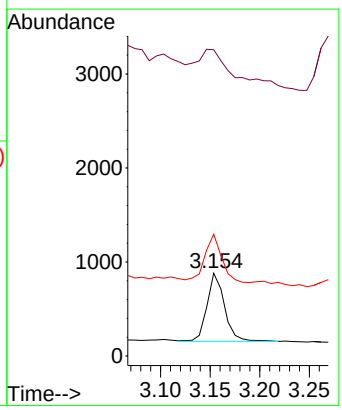


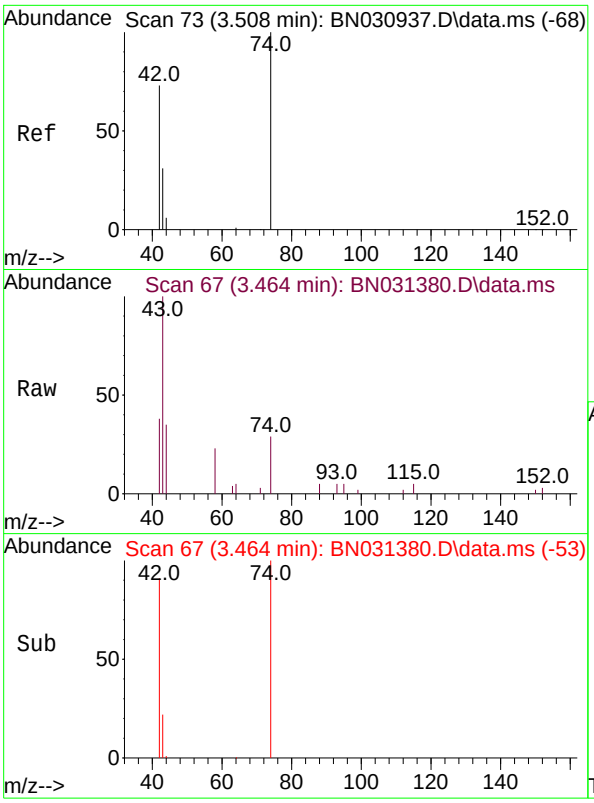


#2
1,4-Dioxane
Concen: 0.238 ng
RT: 3.154 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion: 88 Resp: 892

Ion	Ratio	Lower	Upper
88	100		
43	103.5	23.7	35.5#
58	68.8	55.7	83.5



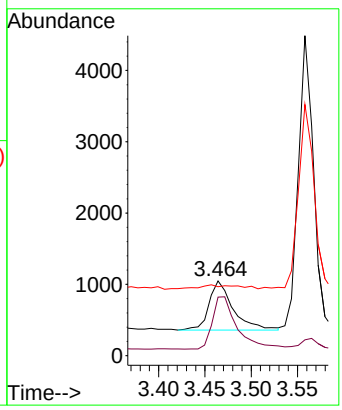


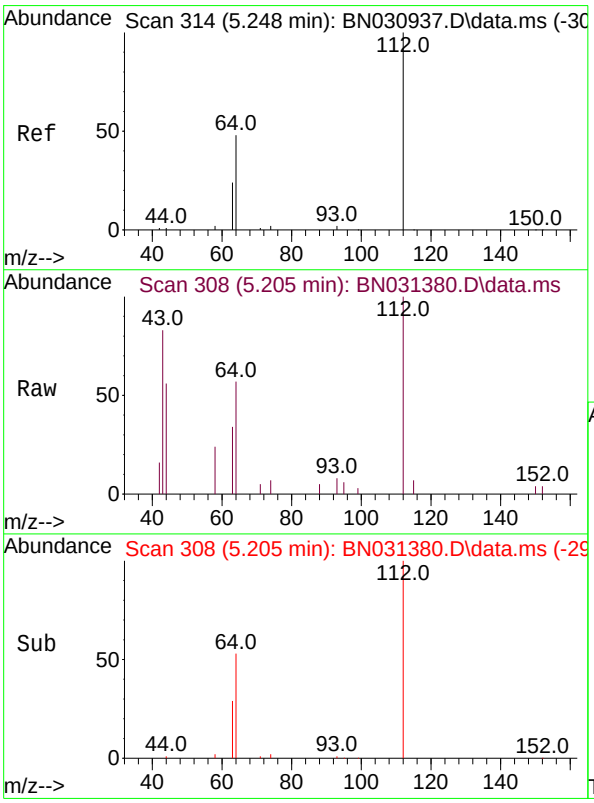
#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.464 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1250

Ion	Ratio	Lower	Upper
42	100		
74	109.4	103.1	154.7
44	12.2	7.0	10.6#

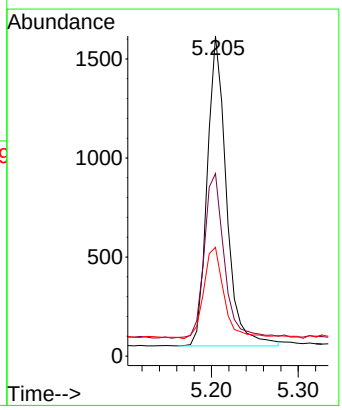


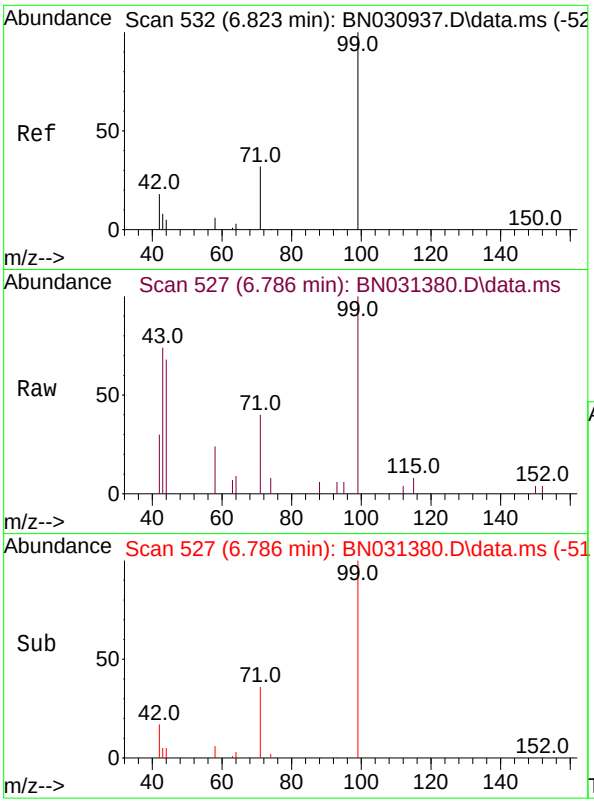


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.205 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:112 Resp: 2413

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.4	65.2
63	31.5	22.2	33.2



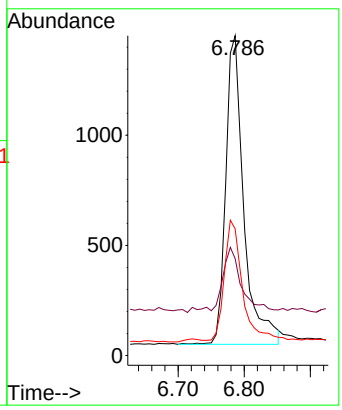


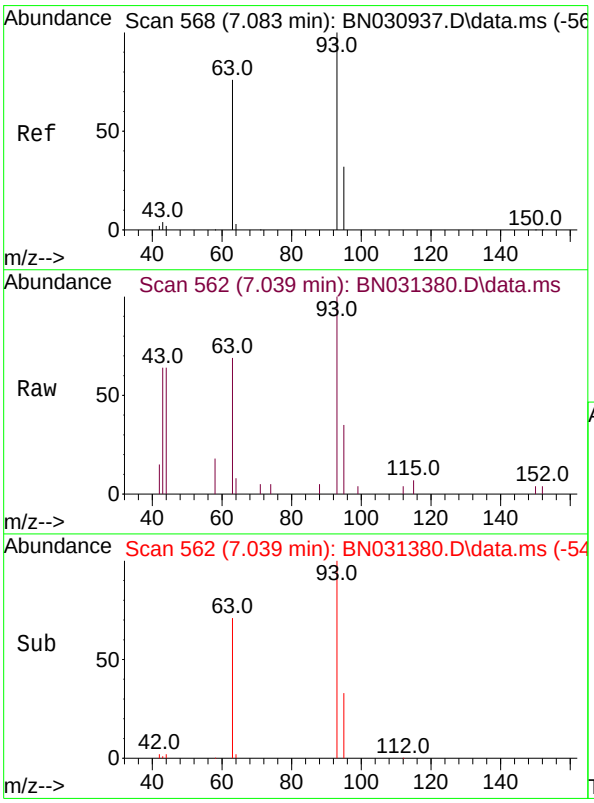
#5
Phenol-d6
Concen: 0.323 ng
RT: 6.786 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2657

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.4	24.6
71	38.5	26.3	39.5

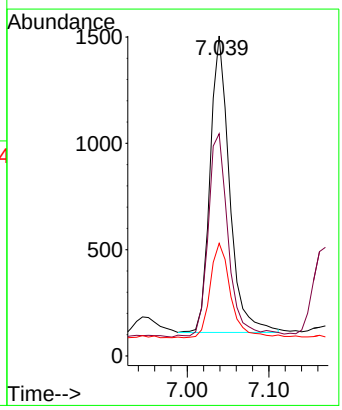


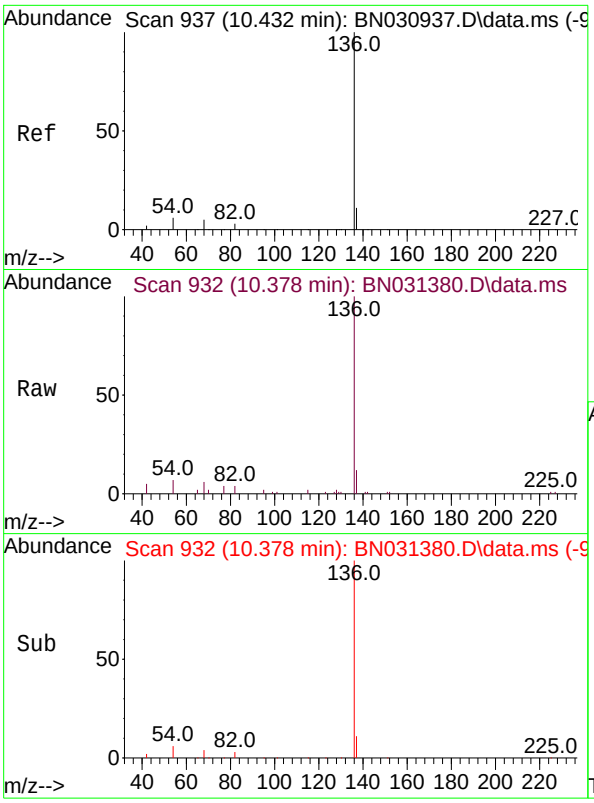


#6
bis(2-Chloroethyl)ether
Concen: 0.283 ng
RT: 7.039 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion: 93 Resp: 2303

Ion	Ratio	Lower	Upper
93	100		
63	72.2	61.8	92.8
95	33.4	27.4	41.0



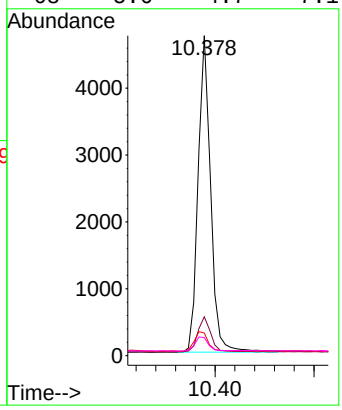


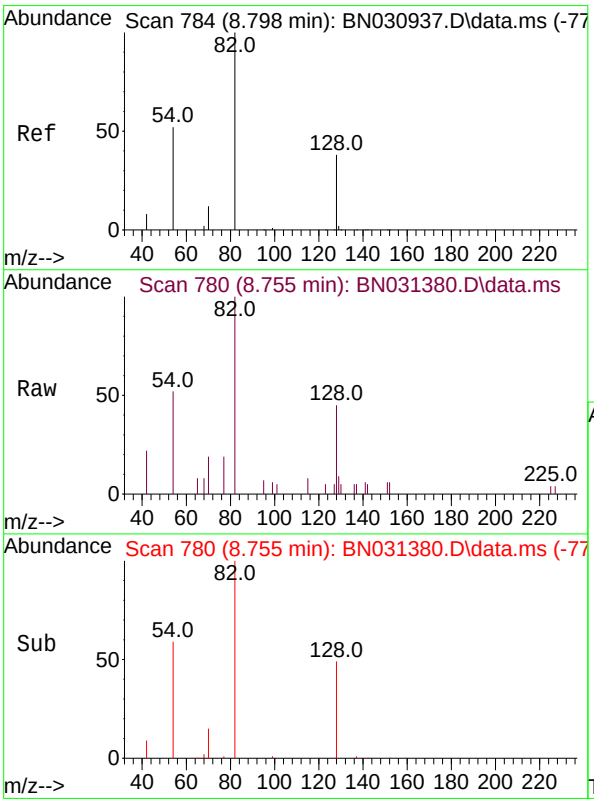
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 8354

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	7.1	5.3	7.9
68	5.6	4.7	7.1

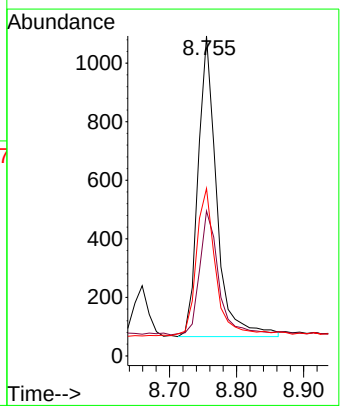


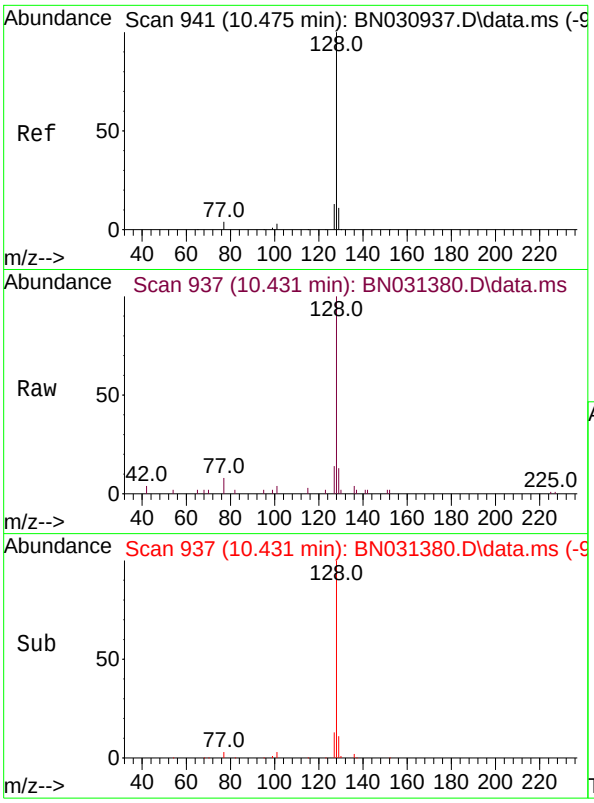


#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.755 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion: 82 Resp: 1981

Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.7	50.5
54	52.3	43.7	65.5



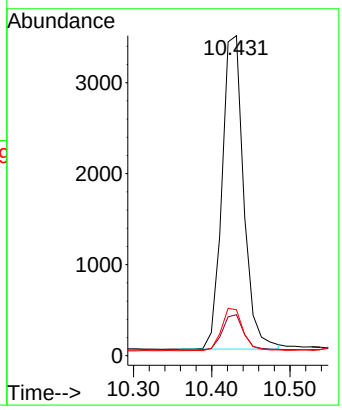


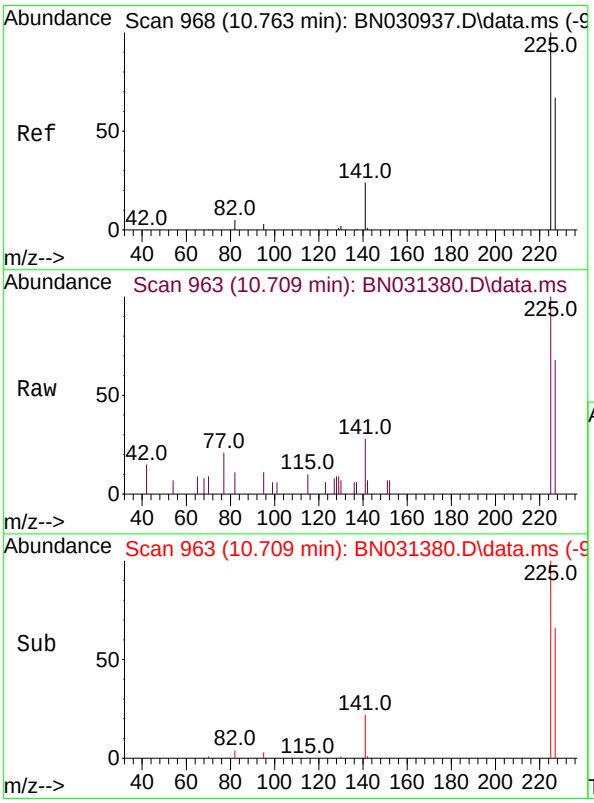
#9
Naphthalene
Concen: 0.287 ng
RT: 10.431 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6619

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.4	14.0
127	14.4	10.9	16.3

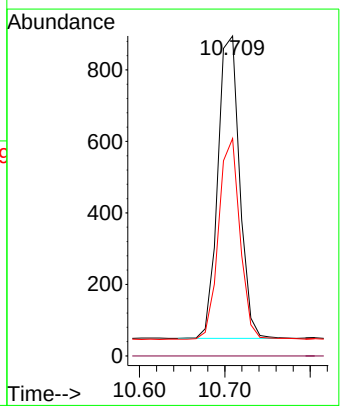


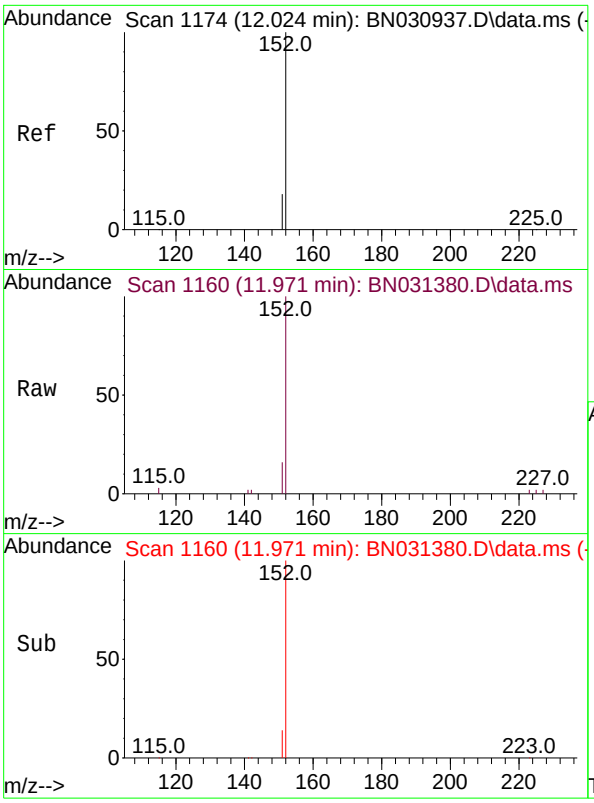


#10
Hexachlorobutadiene
Concen: 0.324 ng
RT: 10.709 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:225 Resp: 1500

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.3	76.9



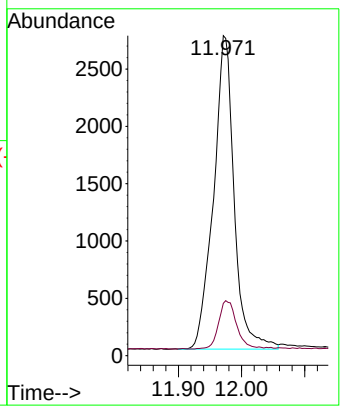


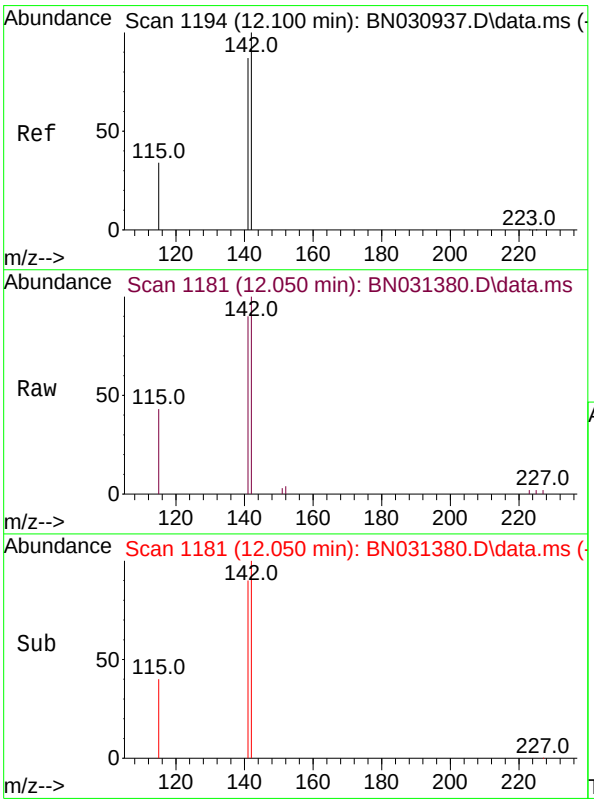
#11
2-Methylnaphthalene-d10
Concen: 0.483 ng
RT: 11.971 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6209

Ion	Ratio	Lower	Upper
152	100		
151	13.4	16.7	25.1#

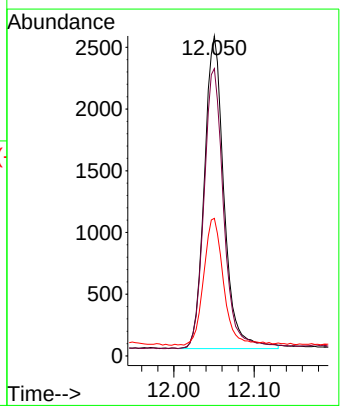


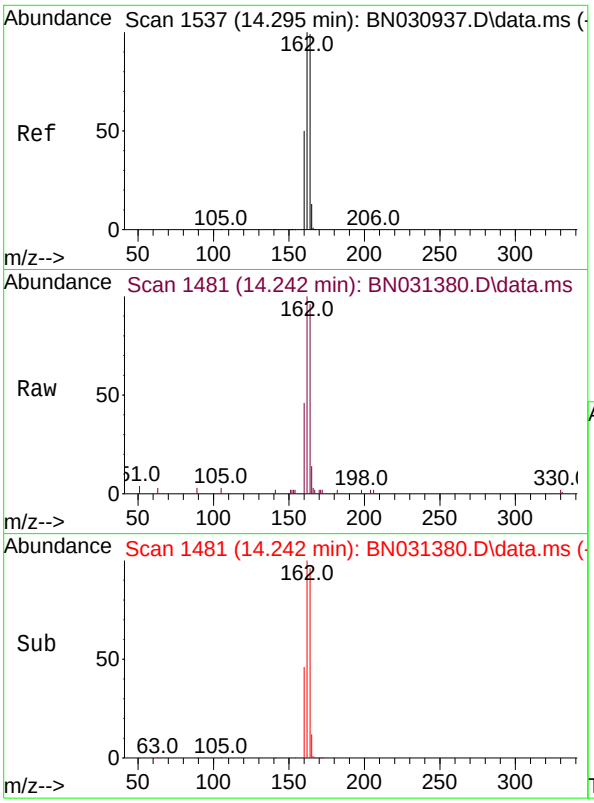


#12
2-Methylnaphthalene
Concen: 0.280 ng
RT: 12.050 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:142 Resp: 4294

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.8	104.8
115	43.0	28.3	42.5#



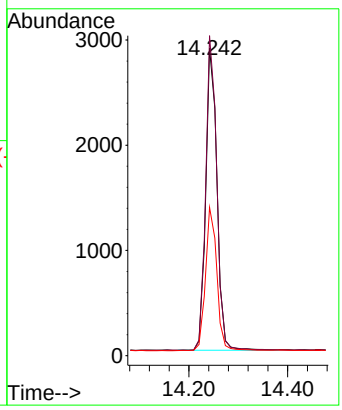


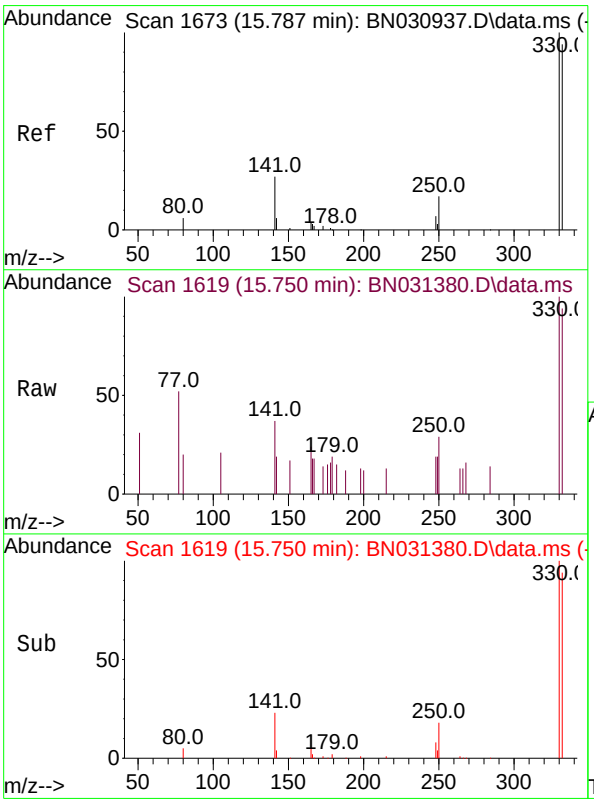
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4524

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	121.0
160	48.2	40.7	61.1

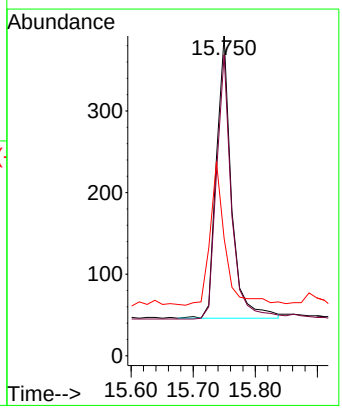


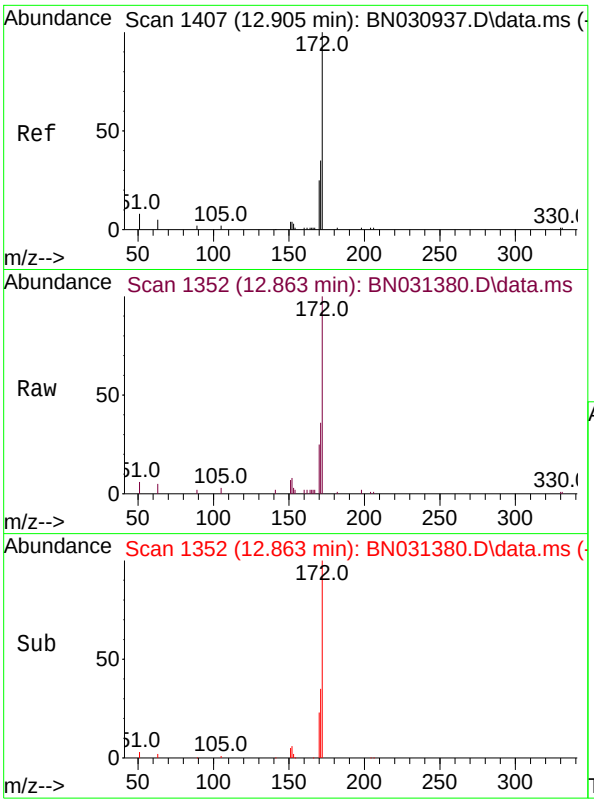


#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:330 Resp: 582

Ion	Ratio	Lower	Upper
330	100		
332	93.5	74.2	111.2
141	51.2	37.2	55.8



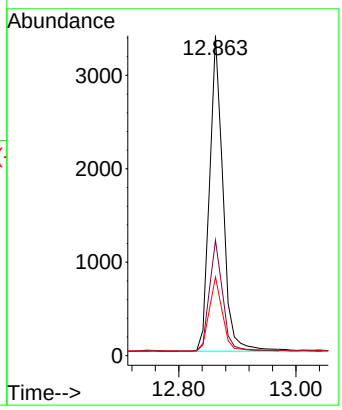


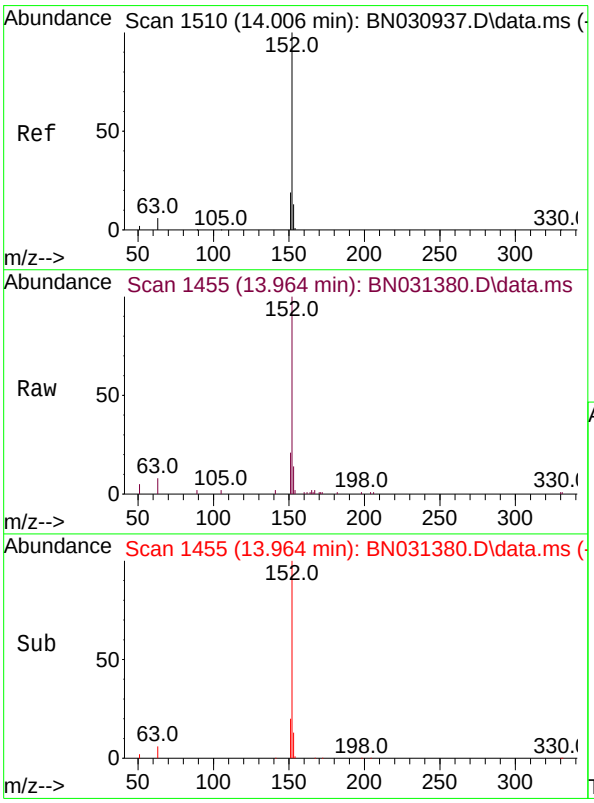
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5353

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	24.6	19.8	29.8

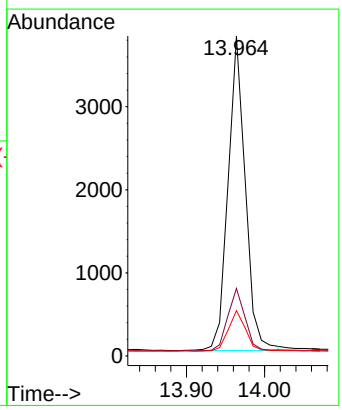


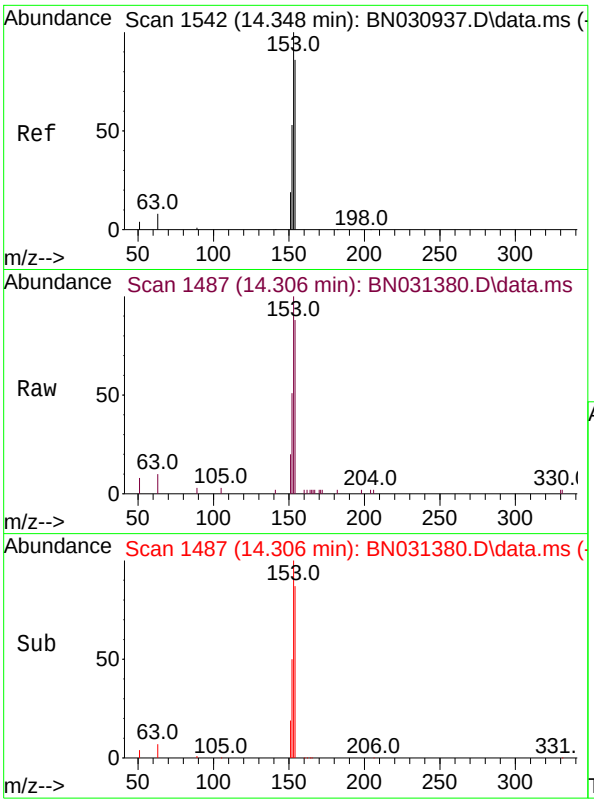


#16
Acenaphthylene
Concen: 0.292 ng
RT: 13.964 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:152 Resp: 5816

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.3	22.9
153	13.1	10.4	15.6



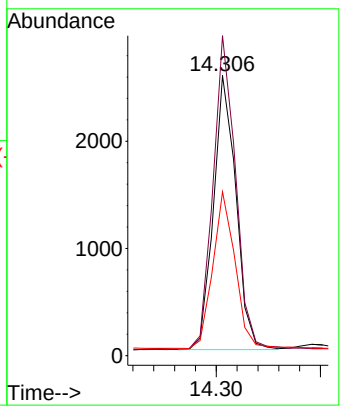


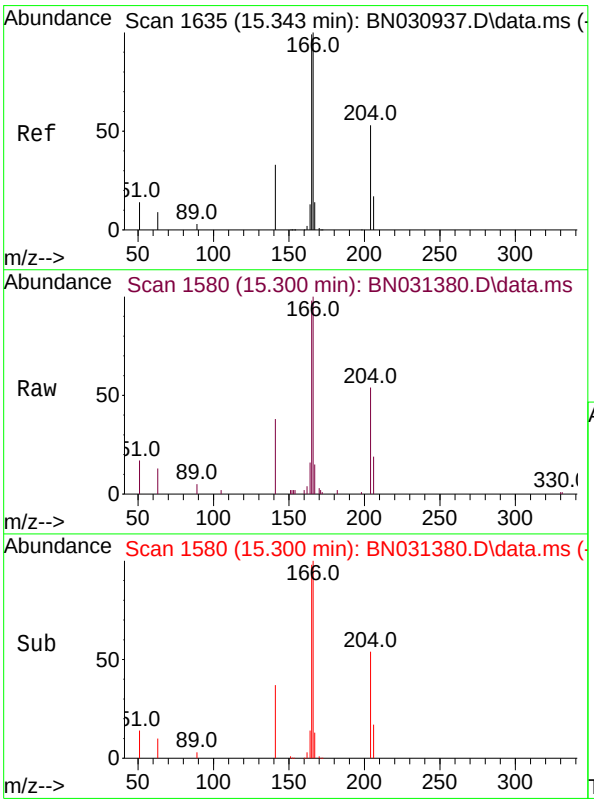
#17
Acenaphthene
Concen: 0.272 ng
RT: 14.306 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3834

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.1	136.7
152	56.4	47.6	71.4

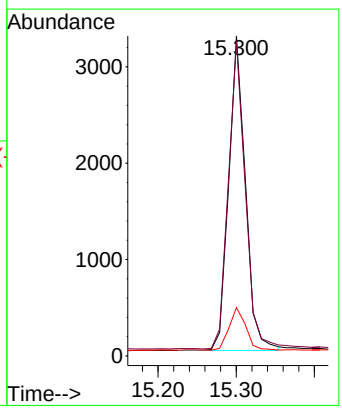


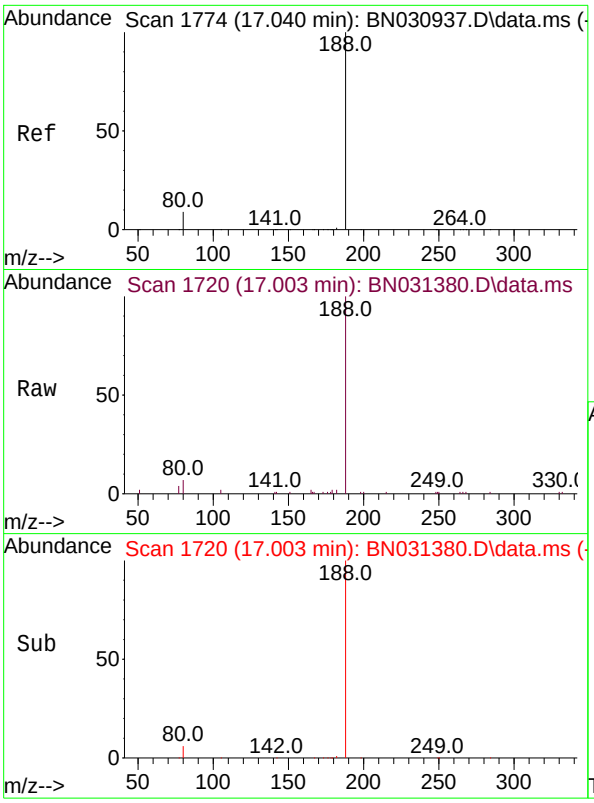


#18
Fluorene
Concen: 0.260 ng
RT: 15.300 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:166 Resp: 4850

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.3	117.5
167	13.6	11.1	16.7





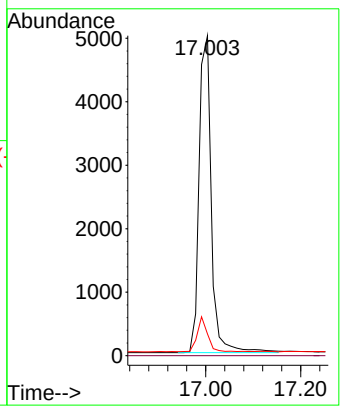
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.003 min Scan# 1

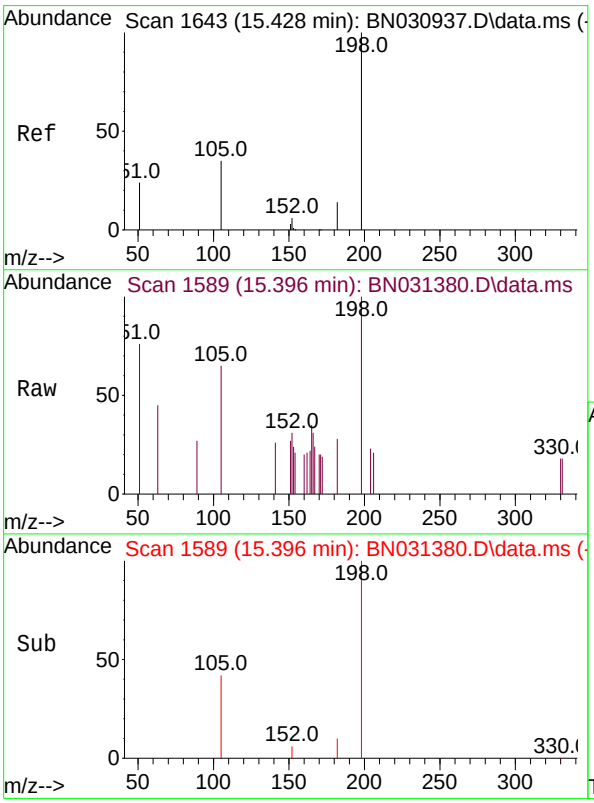
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:188 Resp: 8971

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.4	11.2#

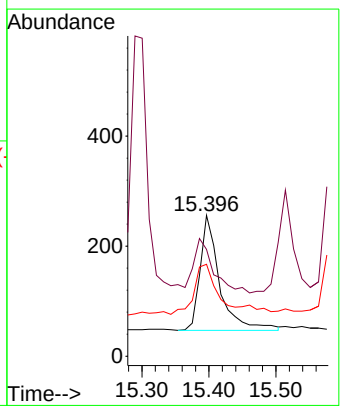


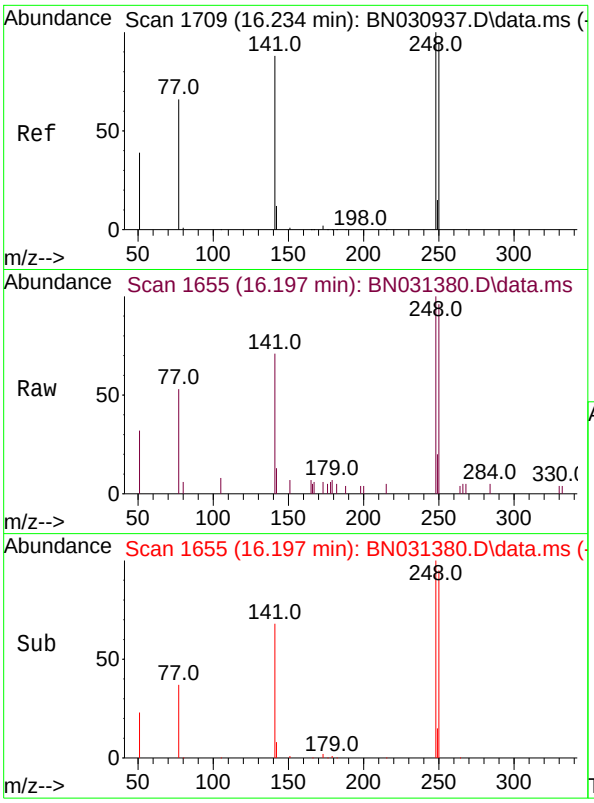


#20
4,6-Dinitro-2-methylphenol
Concen: 0.414 ng
RT: 15.396 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:198 Resp: 425

Ion	Ratio	Lower	Upper
198	100		
51	75.8	65.2	97.8
105	65.2	41.0	61.4#



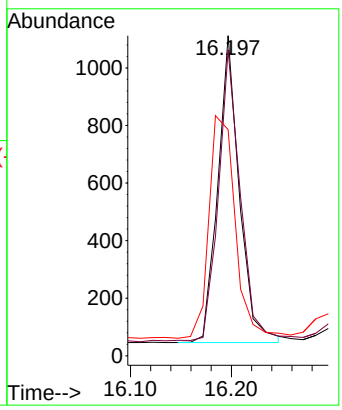


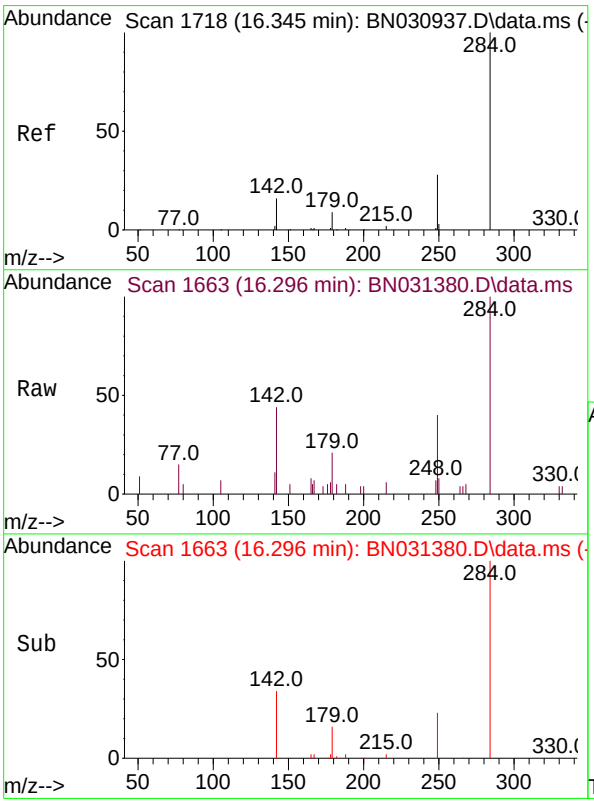
#21
4-Bromophenyl-phenylether
Concen: 0.296 ng
RT: 16.197 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1577

Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.1	114.1
141	70.7	71.1	106.7#

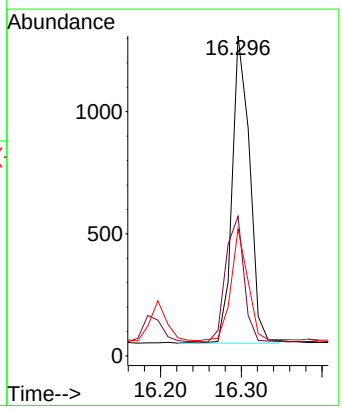


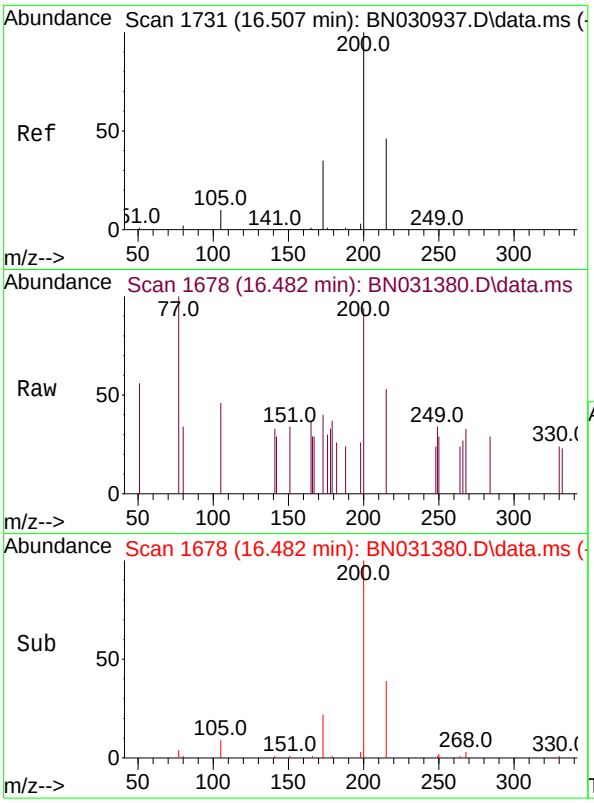


#22
Hexachlorobenzene
Concen: 0.304 ng
RT: 16.296 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:284 Resp: 1889

Ion	Ratio	Lower	Upper
284	100		
142	42.3	33.0	49.4
249	35.2	25.5	38.3



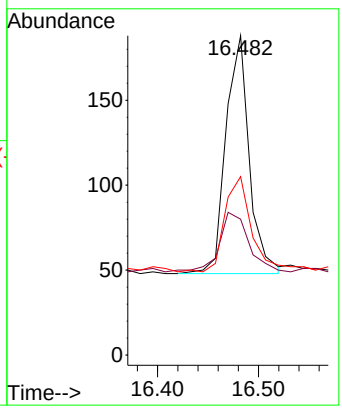


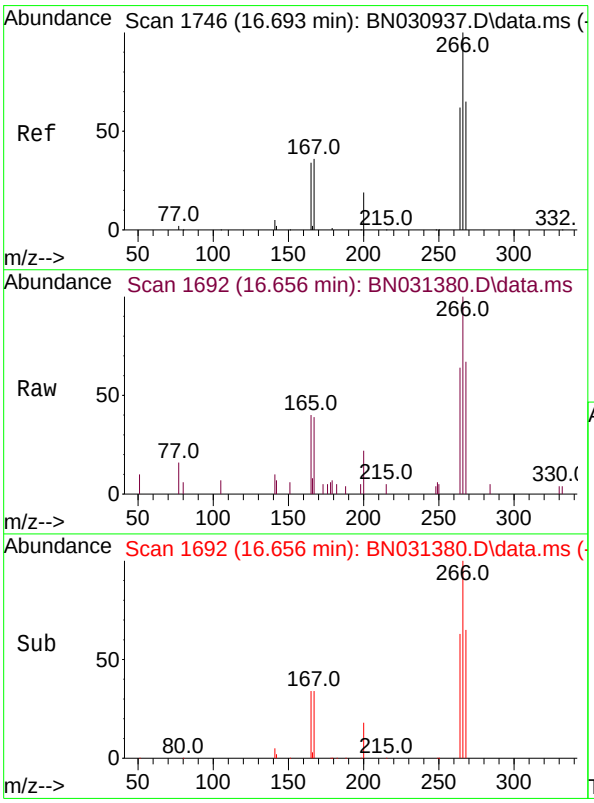
#23
Atrazine
Concen: 0.058 ng
RT: 16.482 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 225

Ion	Ratio	Lower	Upper
200	100		
173	42.6	29.9	44.9
215	55.9	38.7	58.1

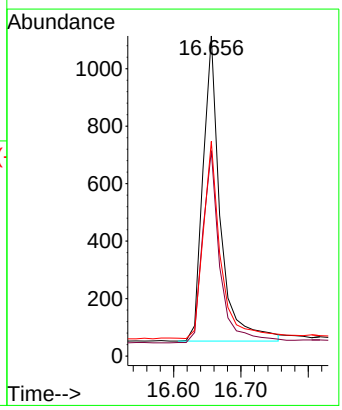


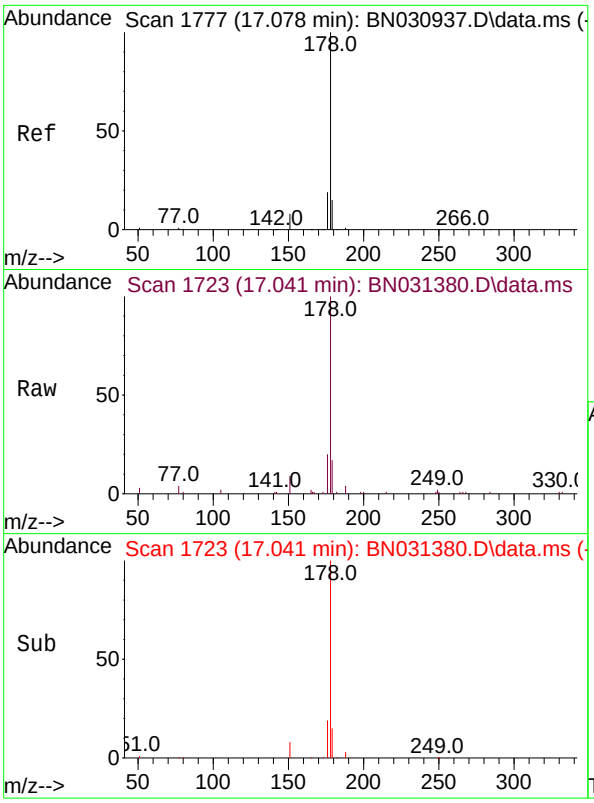


#24
Pentachlorophenol
Concen: 0.884 ng
RT: 16.656 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:266 Resp: 1904

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.2
268	63.9	52.3	78.5



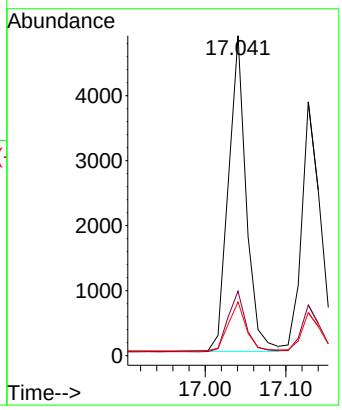


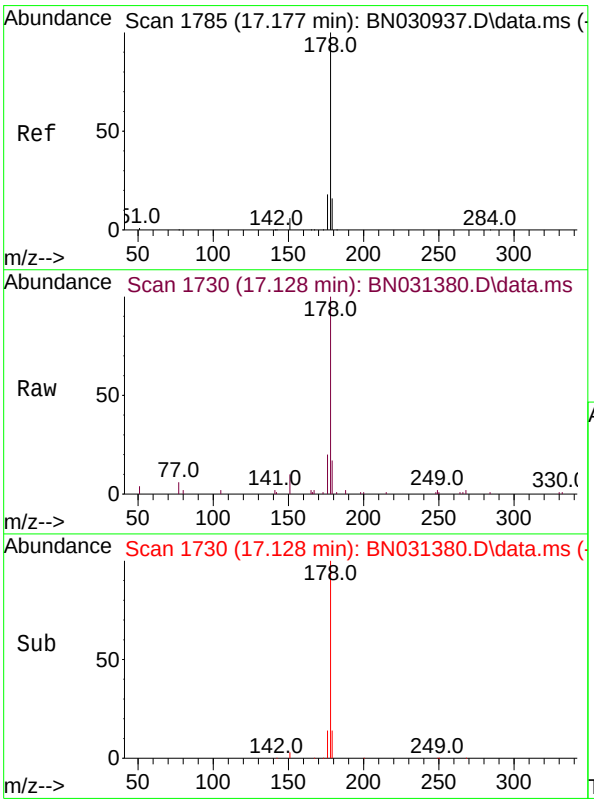
#25
Phenanthrene
Concen: 0.281 ng
RT: 17.041 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7443

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.7	12.2	18.2

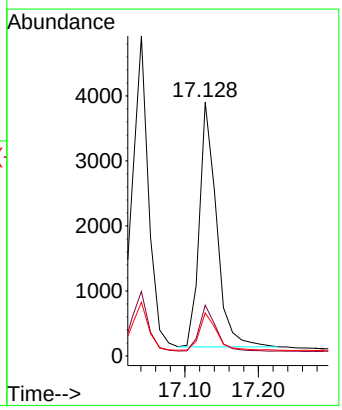


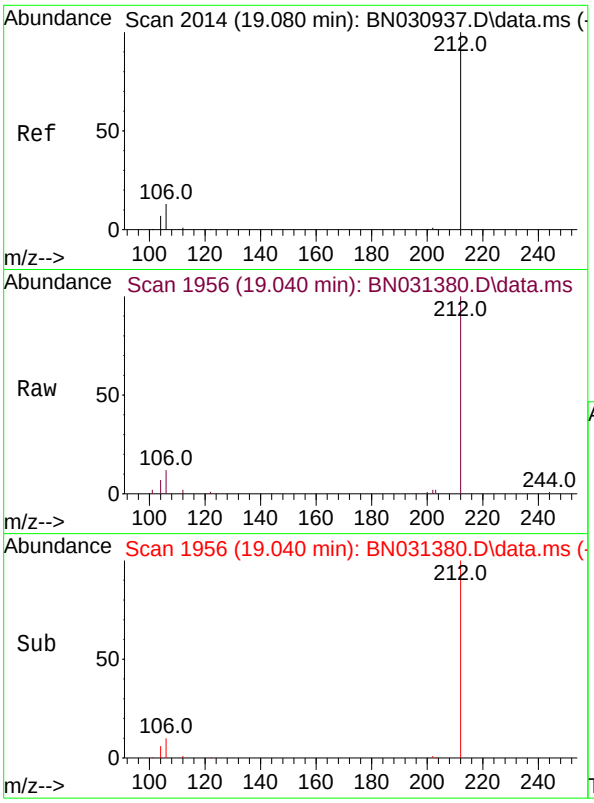


#26
Anthracene
Concen: 0.278 ng
RT: 17.128 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:178 Resp: 6103

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.1	12.3	18.5



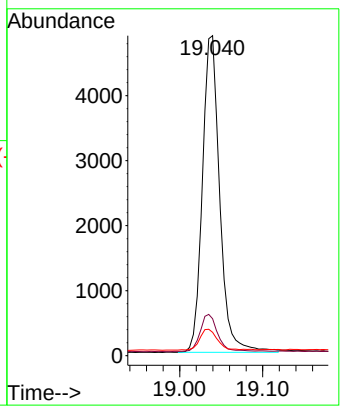


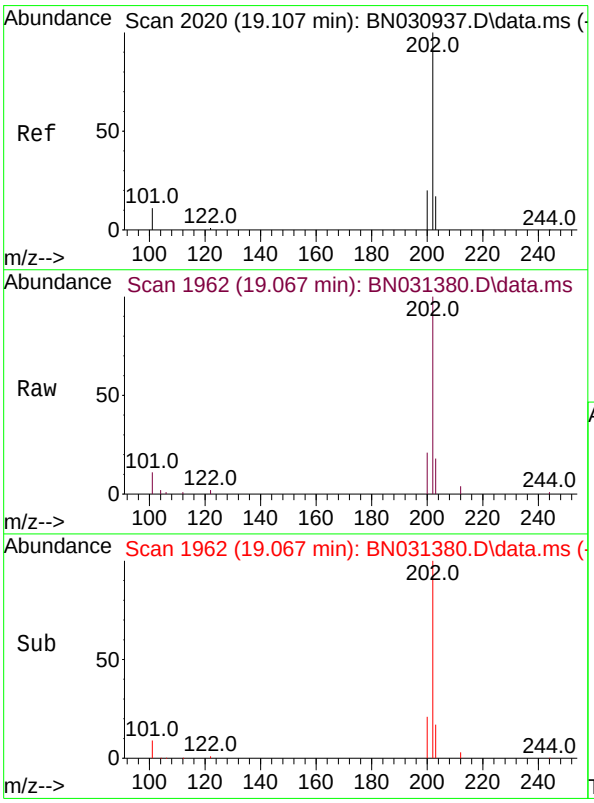
#27
Fluoranthene-d10
Concen: 0.293 ng
RT: 19.040 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7085

Ion	Ratio	Lower	Upper
212	100		
106	12.1	12.0	18.0
104	7.0	6.7	10.1

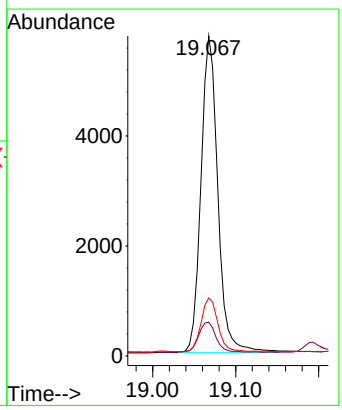


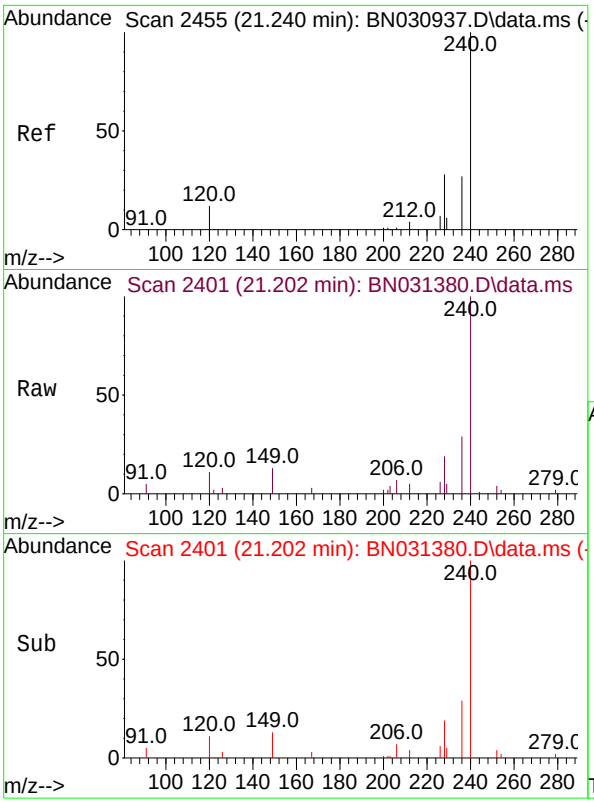


#28
Fluoranthene
Concen: 0.257 ng
RT: 19.067 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:202 Resp: 8151

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.4	14.2
203	17.0	13.8	20.8



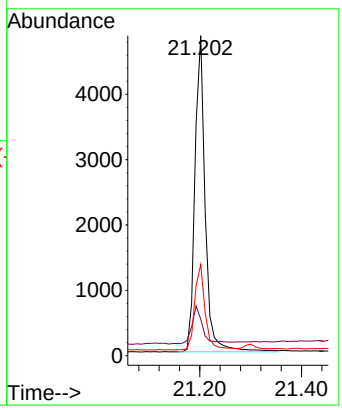


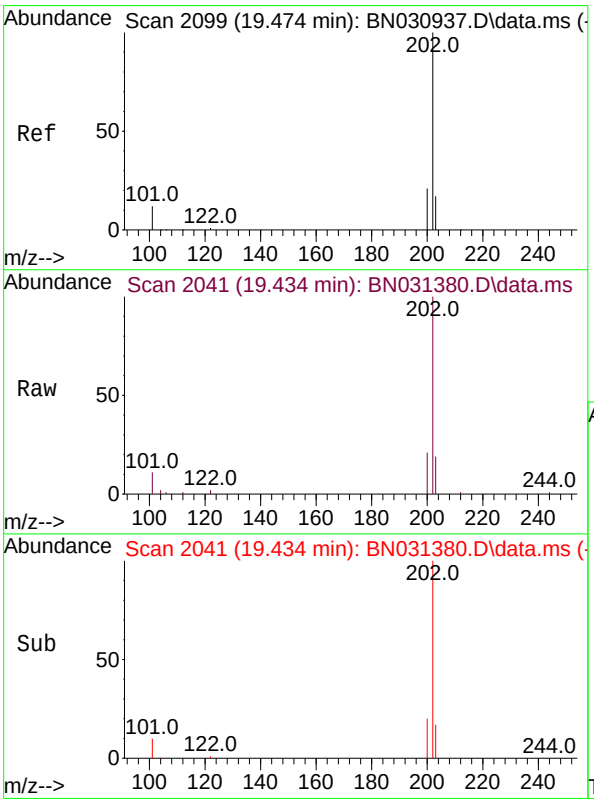
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6792

Ion	Ratio	Lower	Upper
240	100		
120	11.4	11.0	16.4
236	28.5	22.3	33.5

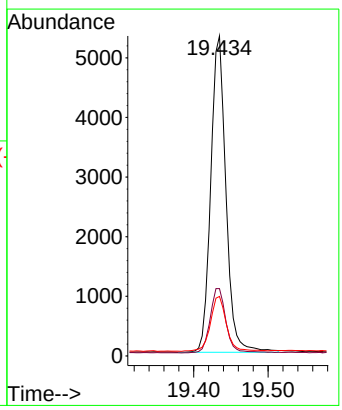


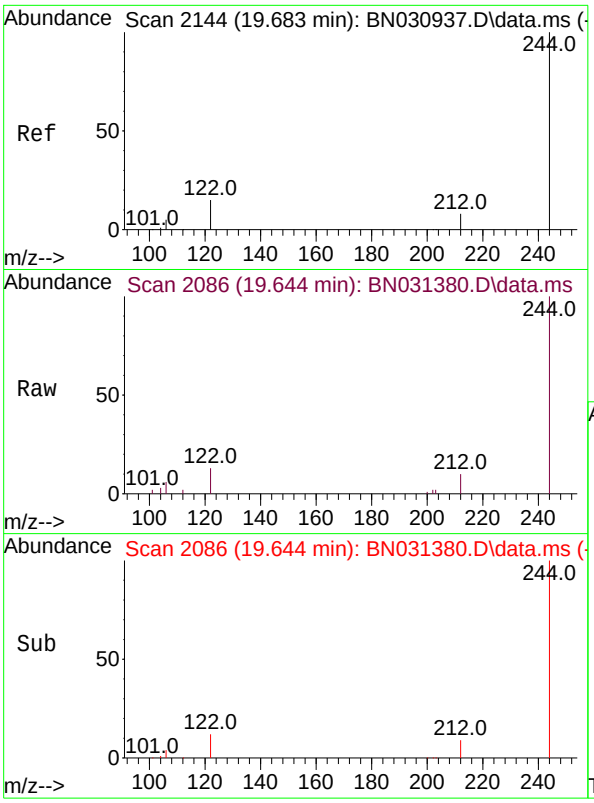


#30
Pyrene
Concen: 0.285 ng
RT: 19.434 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:202 Resp: 7524

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	18.2	14.3	21.5



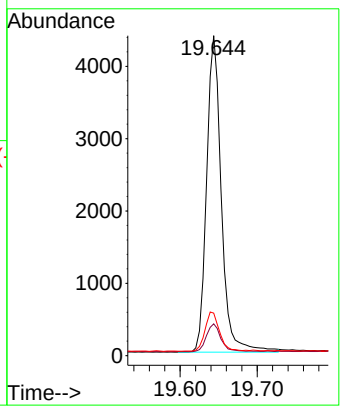


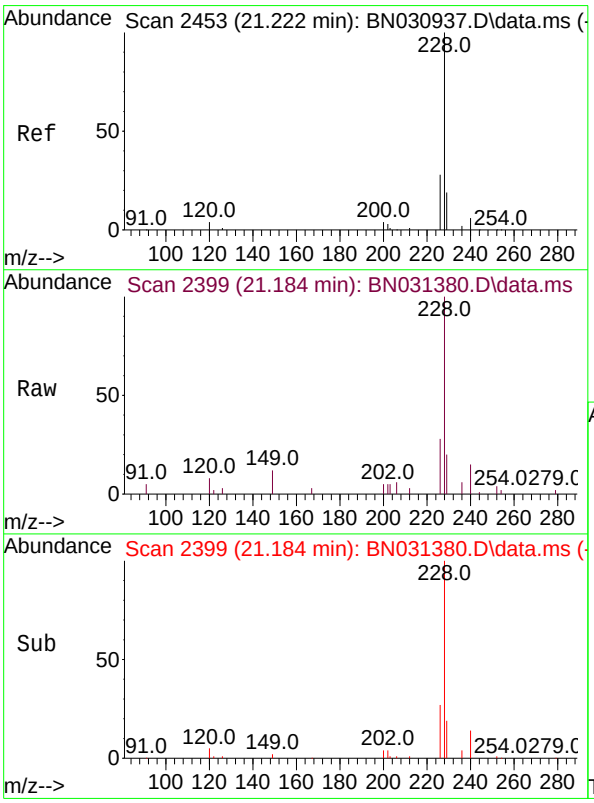
#31
Terphenyl-d14
Concen: 0.368 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5810

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.2	10.8
122	13.3	12.7	19.1

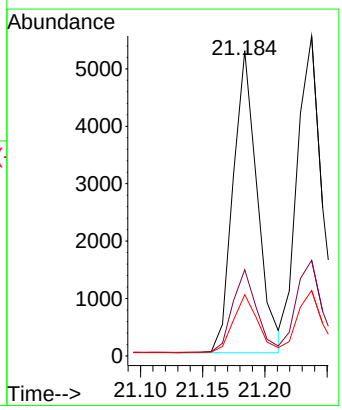


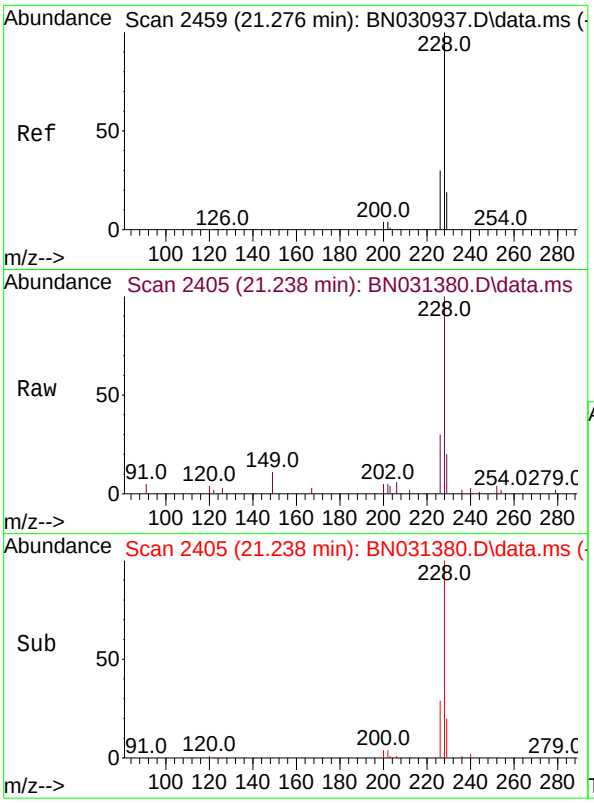


#32
Benzo(a)anthracene
Concen: 0.300 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:228 Resp: 7099

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.1	15.7	23.5



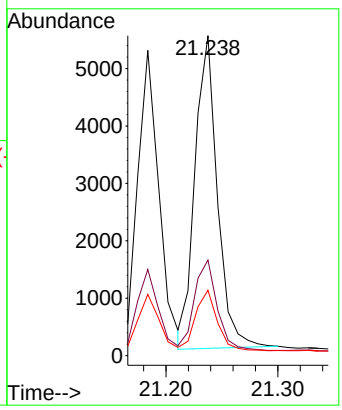


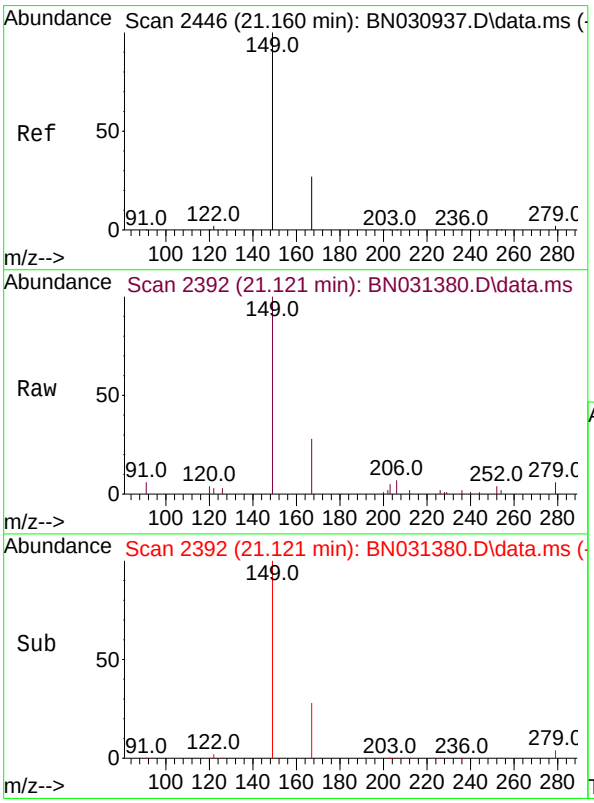
#33
Chrysene
Concen: 0.294 ng
RT: 21.238 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7568

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	20.5	15.8	23.6

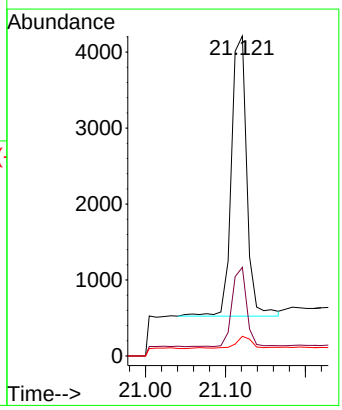


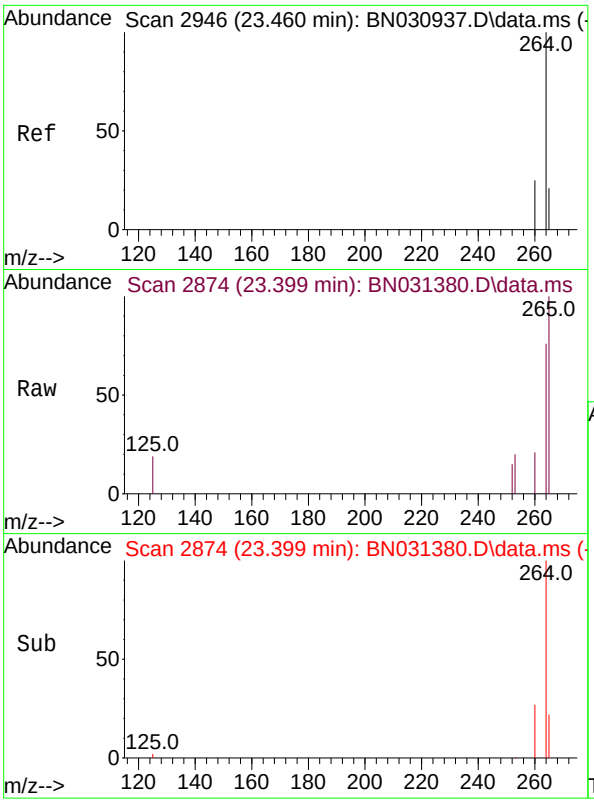


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.456 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:149 Resp: 4942

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	4.0	2.9	4.3



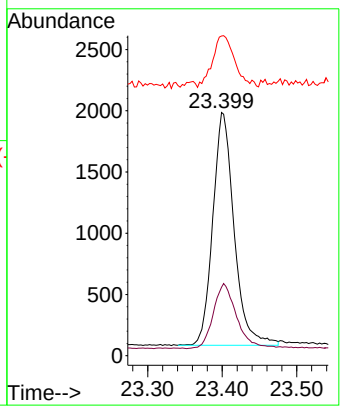


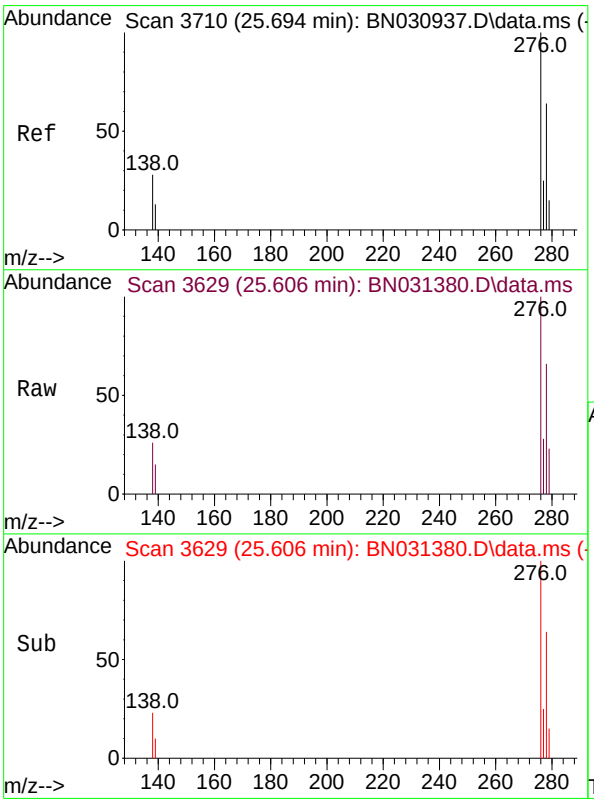
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.399 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3781

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.6	31.0
265	131.4	53.3	79.9#

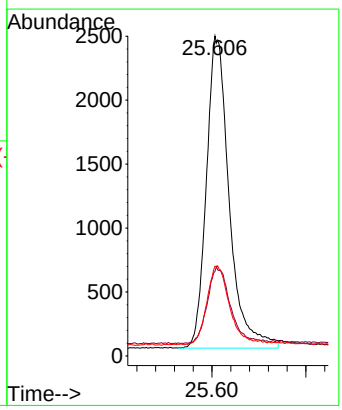


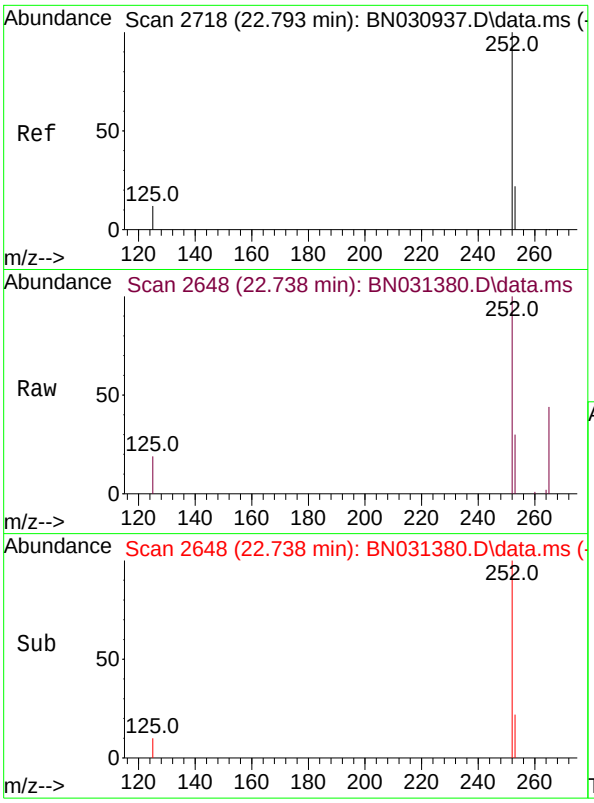


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng
RT: 25.606 min Scan# 3629
Delta R.T. -0.012 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:276 Resp: 8245

Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.1	34.7
277	24.8	19.9	29.9



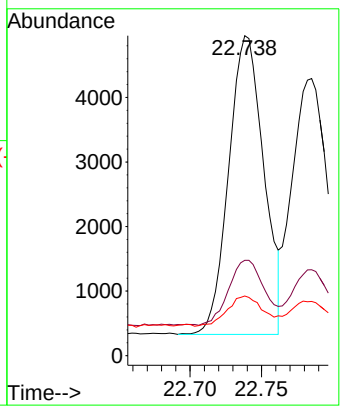


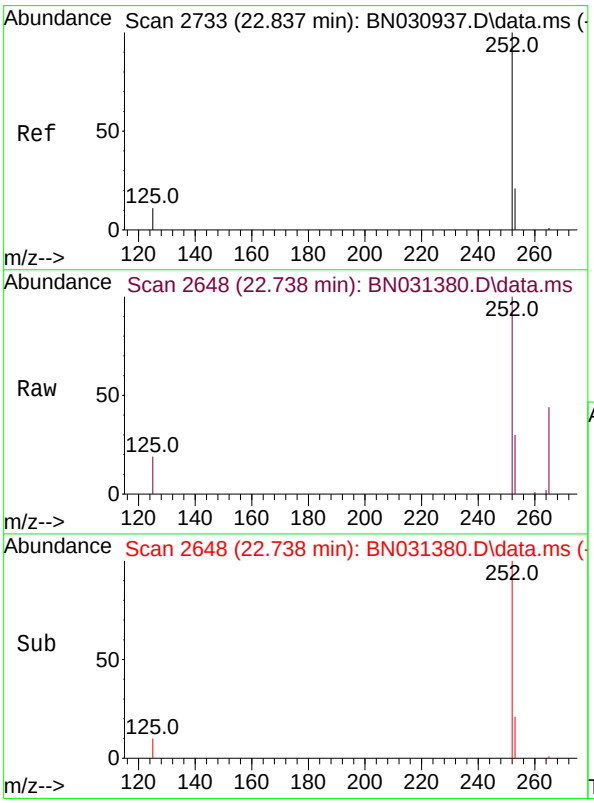
#37
Benzo(b)fluoranthene
Concen: 0.506 ng
RT: 22.738 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7902

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.2	30.2
125	18.7	13.4	20.2

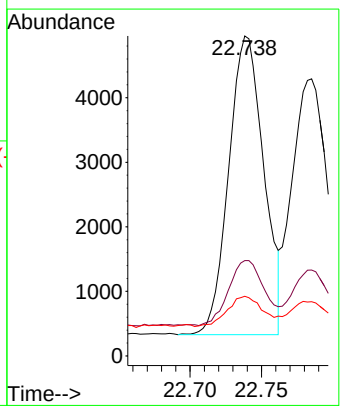


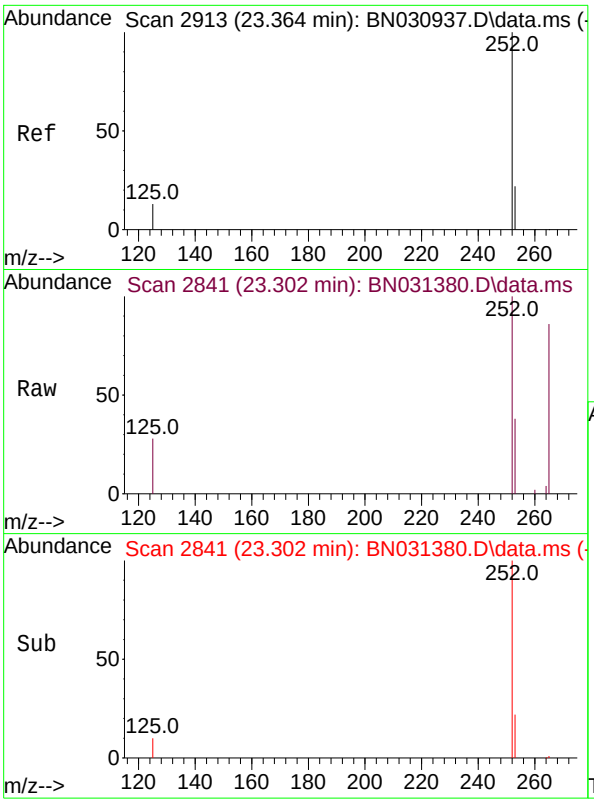


#38
Benzo(k)fluoranthene
Concen: 0.517 ng
RT: 22.738 min Scan# 2648
Delta R.T. -0.053 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:252 Resp: 7902

Ion	Ratio	Lower	Upper
252	100		
253	29.8	19.9	29.9
125	18.7	13.2	19.8



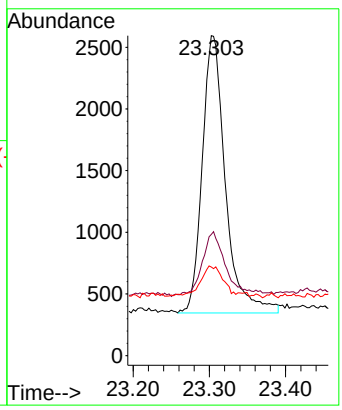


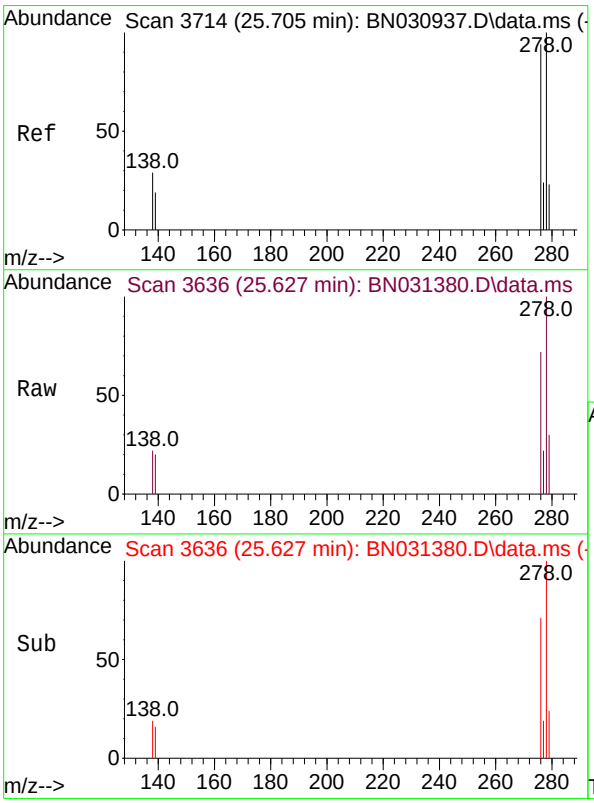
#39
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.302 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4748

Ion	Ratio	Lower	Upper
252	100		
253	37.9	21.4	32.2#
125	27.7	16.6	25.0#

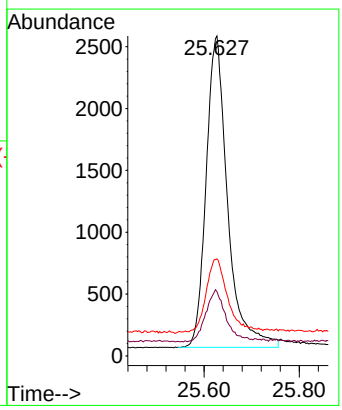


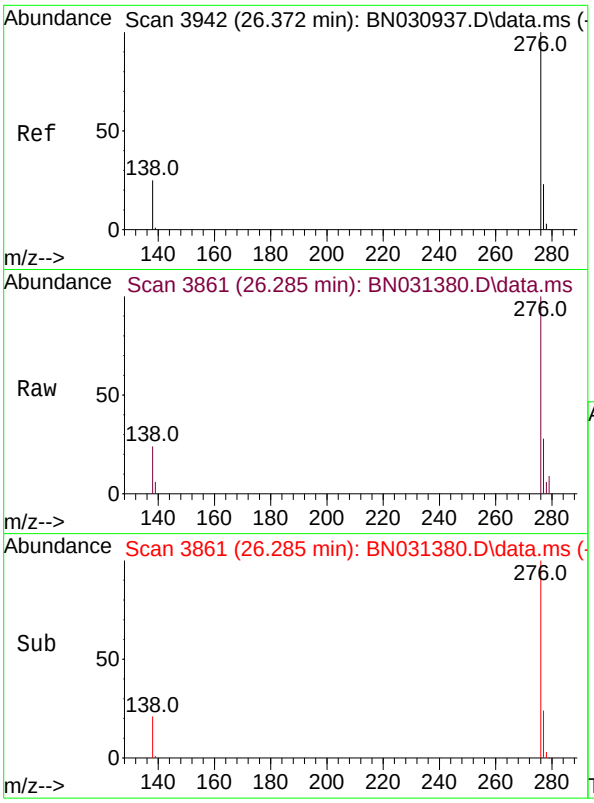


#40
Dibenzo(a,h)anthracene
Concen: 0.560 ng
RT: 25.627 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Tgt Ion:278 Resp: 7891

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.3	24.5
279	30.3	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.433 ng
RT: 26.285 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN031380.D
Acq: 02 May 2024 20:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6717

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.4	29.2
138	24.5	21.0	31.4