Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031379.D
Acq On : 02 May 2024 19:51
Operator : MA/JU
Sample : PB160578BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Quant Time: May 03 01:11:10 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	7.603	152	2869	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	8664	0.400	ng	0.00
13) Acenaphthene-d10	14.242	164	4967	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	10013	0.400	ng	# 0.00
29) Chrysene-d12	21.202	240	7327	0.400	ng	0.00
35) Perylene-d12	23.402	264	4114	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	2602	0.407	ng	0.00
5) Phenol-d6	6.787	99	2896	0.374	ng	0.00
8) Nitrobenzene-d5	8.755	82	2140	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	6797	0.510	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	591	0.307	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	5591	0.335	ng	0.00
27) Fluoranthene-d10	19.040	212	6927	0.257	ng	0.00
31) Terphenyl-d14	19.644	244	5616	0.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	1036	0.294	ng	# 33
3) n-Nitrosodimethylamine	3.464	42	1304	0.395	ng	# 90
6) bis(2-Chloroethyl)ether	7.039	93	2529	0.330	ng	95
9) Naphthalene	10.421	128	7314	0.306	ng	97
10) Hexachlorobutadiene	10.709	225	1632	0.340	ng	# 99
12) 2-Methylnaphthalene	12.051	142	4736	0.298	ng	# 96
16) Acenaphthylene	13.964	152	6400	0.292	ng	98
17) Acenaphthene	14.306	154	4158	0.269	ng	99
18) Fluorene	15.300	166	5273	0.258	ng	99
20) 4,6-Dinitro-2-methylph...	15.397	198	450	0.399	ng	# 89
21) 4-Bromophenyl-phenylether	16.197	248	1641	0.276	ng	91
22) Hexachlorobenzene	16.296	284	1927	0.277	ng	94
23) Atrazine	16.482	200	250	0.058	ng	87
24) Pentachlorophenol	16.656	266	1944	0.821	ng	99
25) Phenanthrene	17.041	178	7755	0.262	ng	100
26) Anthracene	17.128	178	6425	0.263	ng	99
28) Fluoranthene	19.068	202	8197	0.231	ng	98
30) Pyrene	19.435	202	7580	0.266	ng	100
32) Benzo(a)anthracene	21.184	228	7103	0.278	ng	99
33) Chrysene	21.238	228	7646	0.276	ng	98
34) Bis(2-ethylhexyl)phtha...	21.121	149	4964	0.424	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.609	276	8679	0.454	ng	96
37) Benzo(b)fluoranthene	22.738	252	8137	0.479	ng	93
38) Benzo(k)fluoranthene	22.738	252	8137	0.490	ng	92
39) Benzo(a)pyrene	23.306	252	4636	0.328	ng	# 79
40) Dibenzo(a,h)anthracene	25.624	278	8326	0.543	ng	95
41) Benzo(g,h,i)perylene	26.285	276	7020	0.416	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
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Misc :
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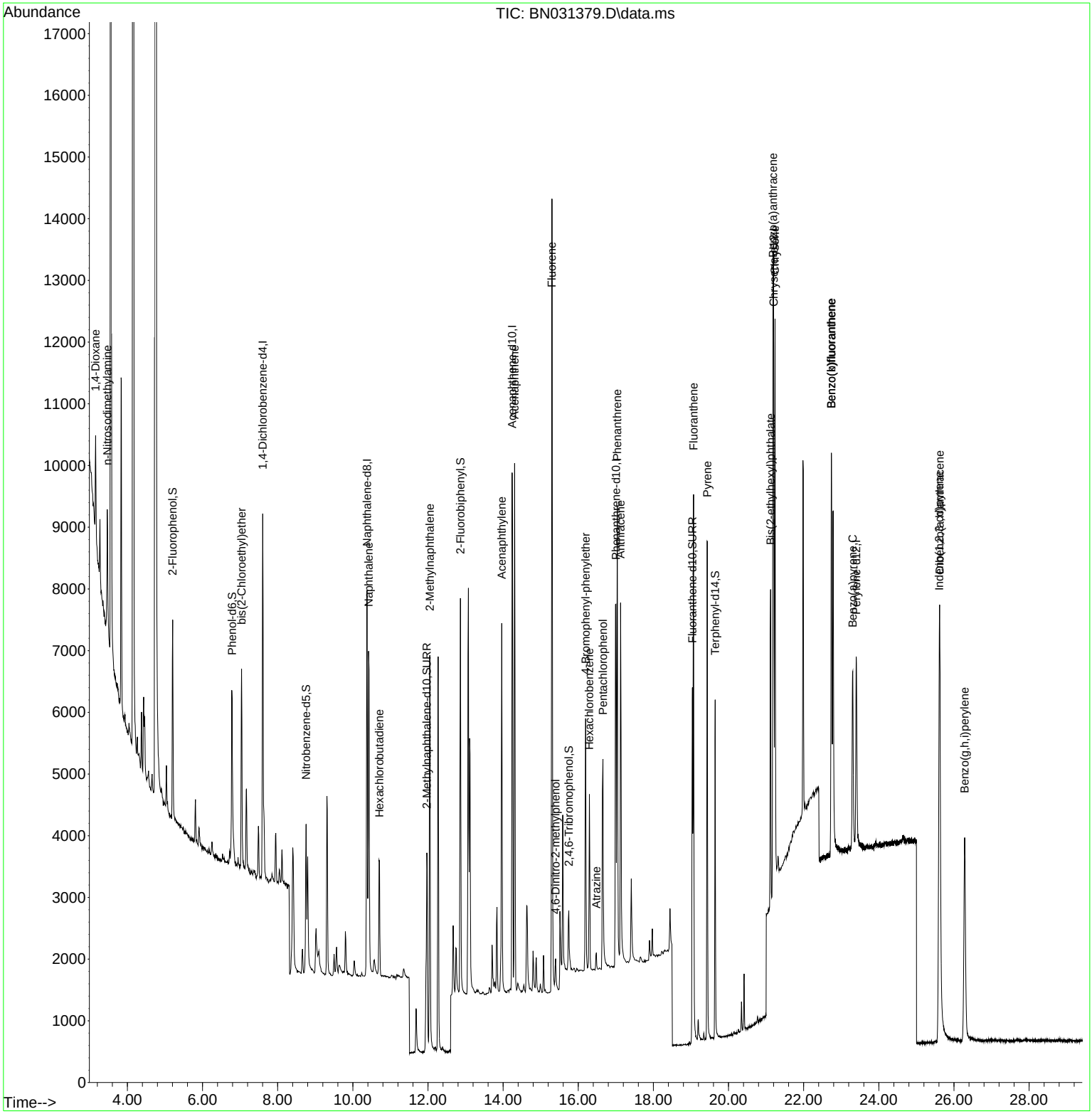
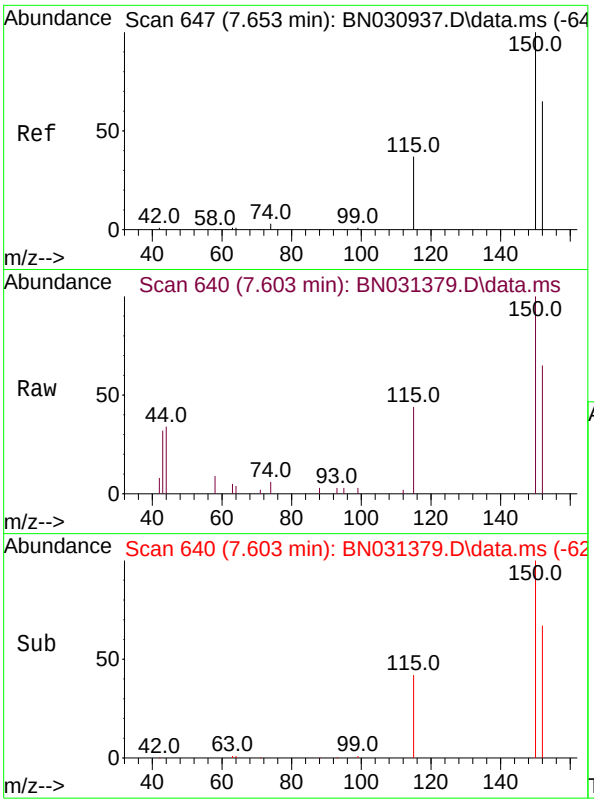
Instrument :
BNA_N
ClientSampleId :
PB160578BS

Quant Time: May 03 01:11:10 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



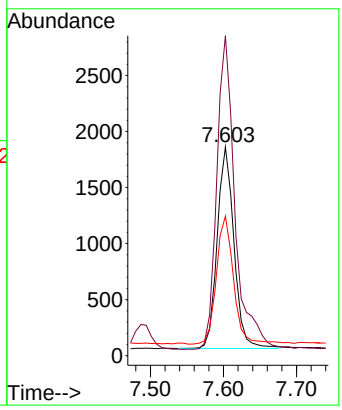


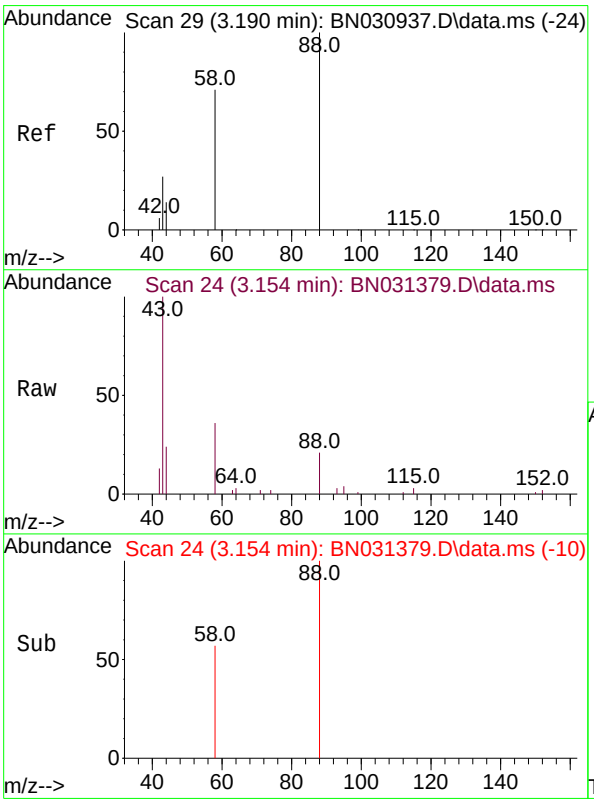
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.603 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:152 Resp: 2869

Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.7	182.5
115	66.8	47.8	71.8

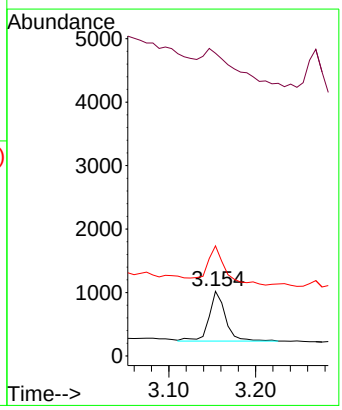


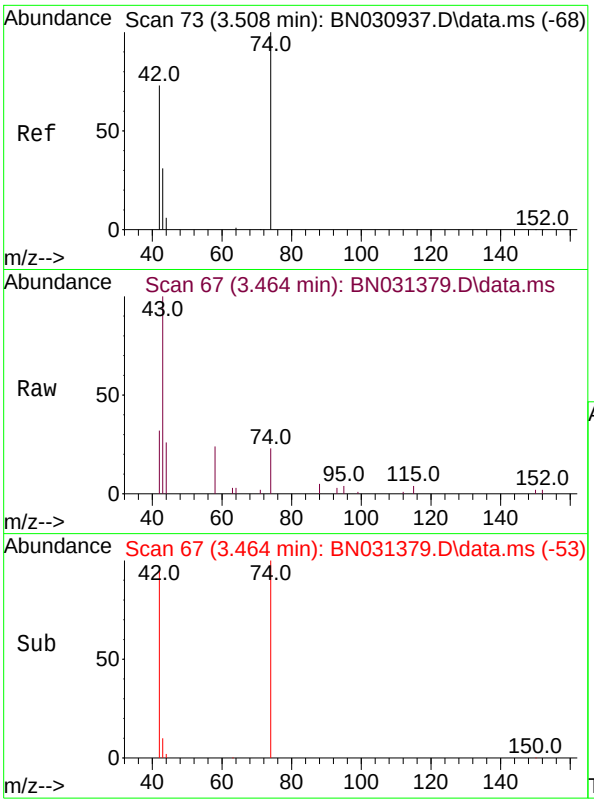


#2
1,4-Dioxane
Concen: 0.294 ng
RT: 3.154 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion: 88 Resp: 1036

Ion	Ratio	Lower	Upper
88	100		
43	124.0	23.7	35.5#
58	86.6	55.7	83.5#



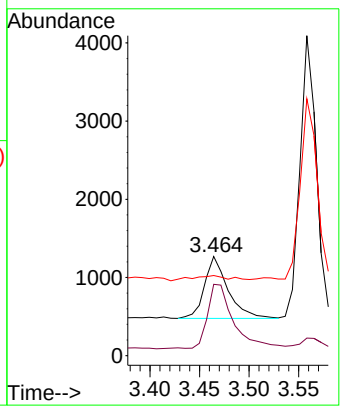


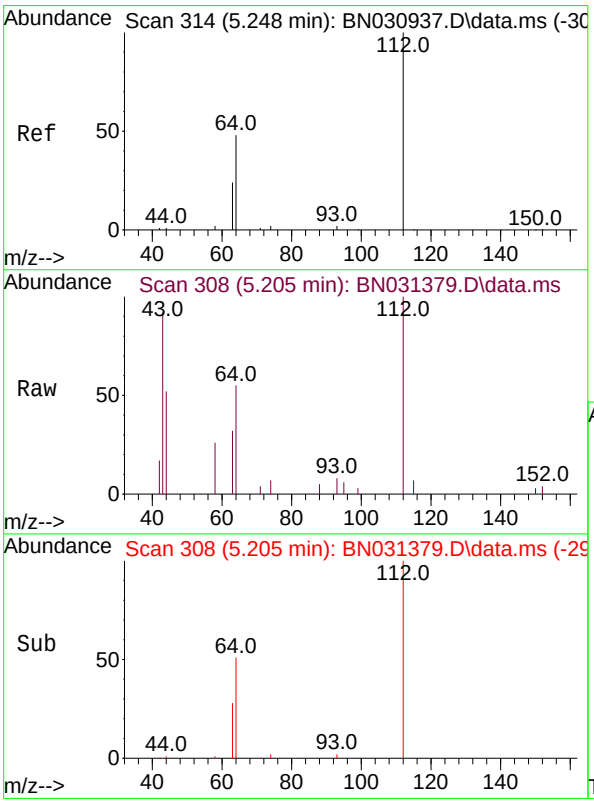
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.464 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion: 42 Resp: 1304

Ion	Ratio	Lower	Upper
42	100		
74	117.7	103.1	154.7
44	13.7	7.0	10.6#

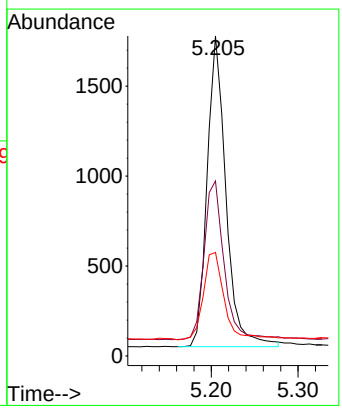


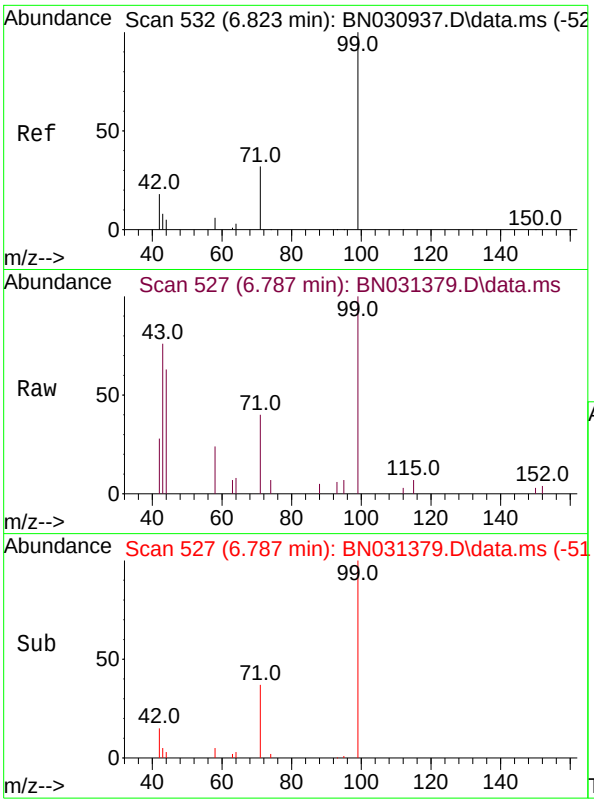


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.205 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:112 Resp: 2602

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.4	65.2
63	31.6	22.2	33.2



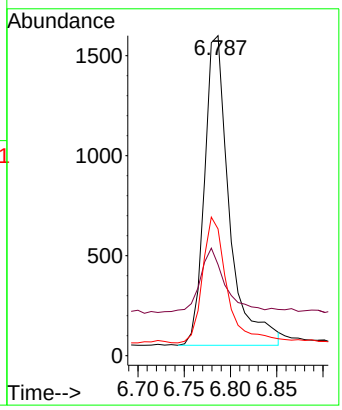


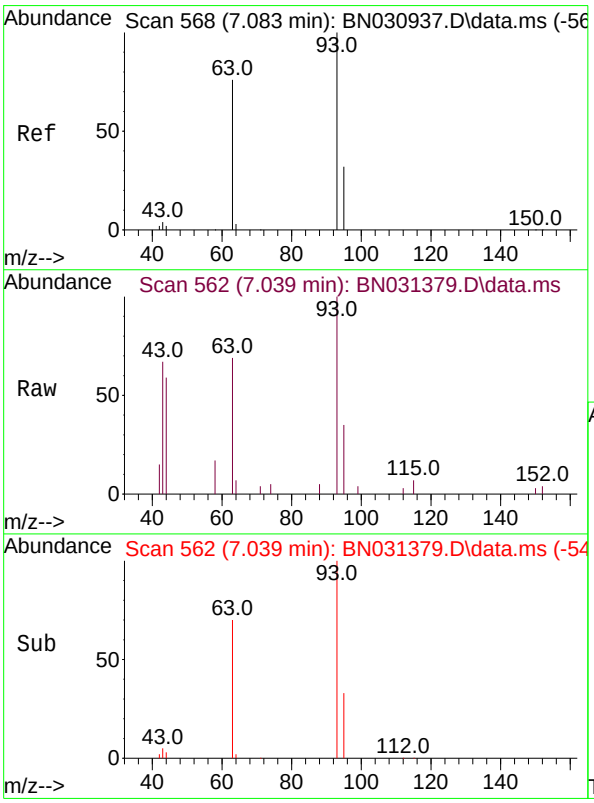
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.787 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion: 99 Resp: 2896

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.4	24.6
71	39.9	26.3	39.5#

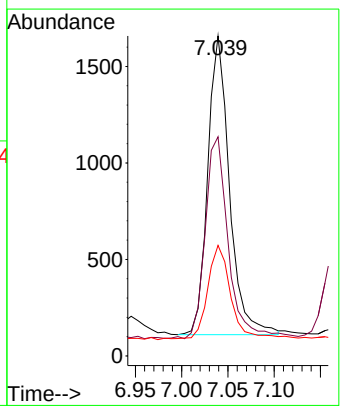


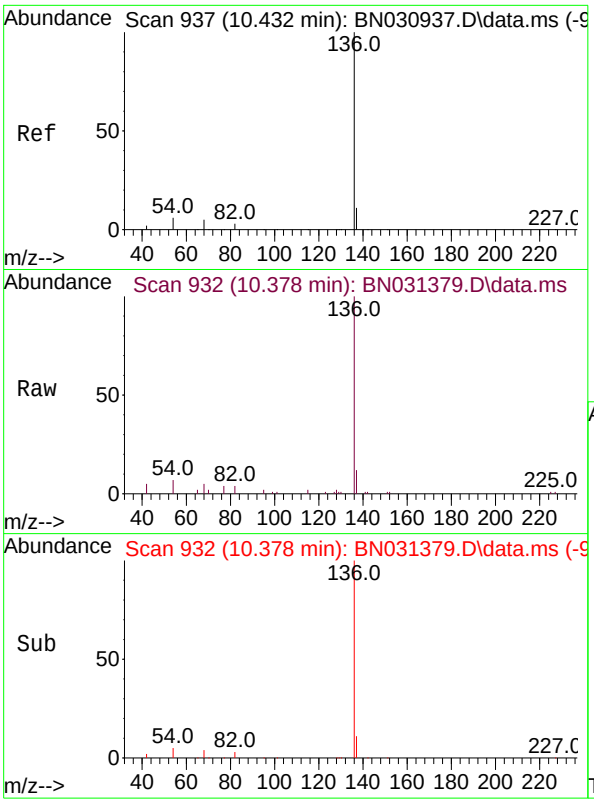


#6
bis(2-Chloroethyl)ether
Concen: 0.330 ng
RT: 7.039 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion: 93 Resp: 2529

Ion	Ratio	Lower	Upper
93	100		
63	71.4	61.8	92.8
95	34.1	27.4	41.0



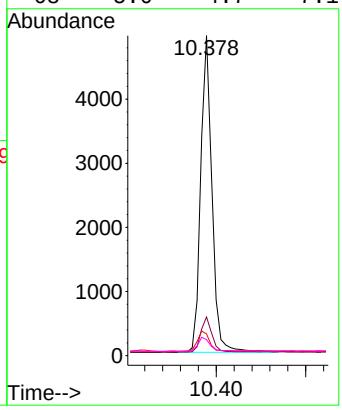


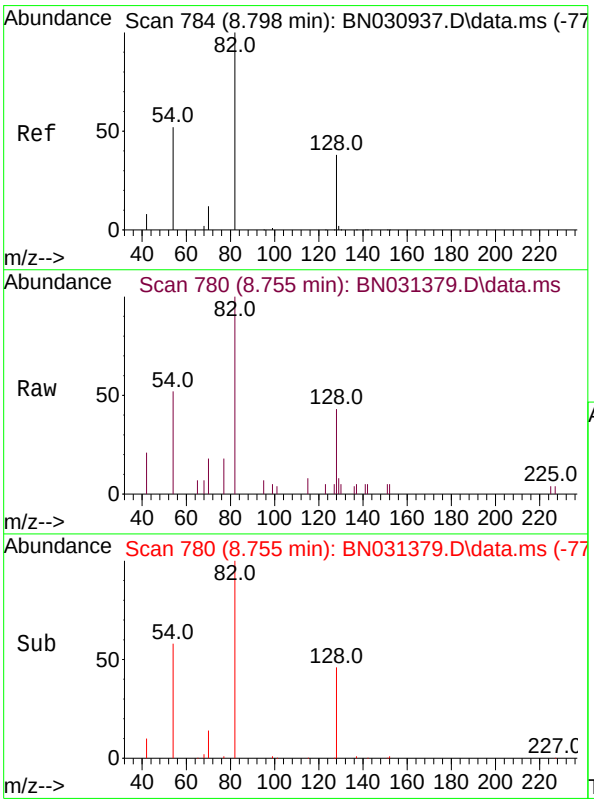
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:136 Resp: 8664

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	6.8	5.3	7.9
68	5.0	4.7	7.1

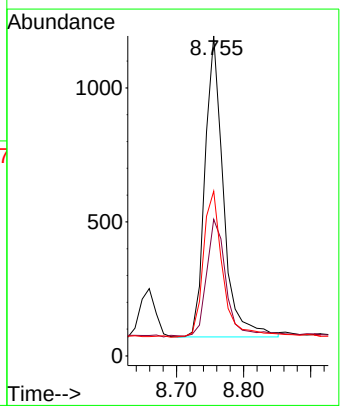


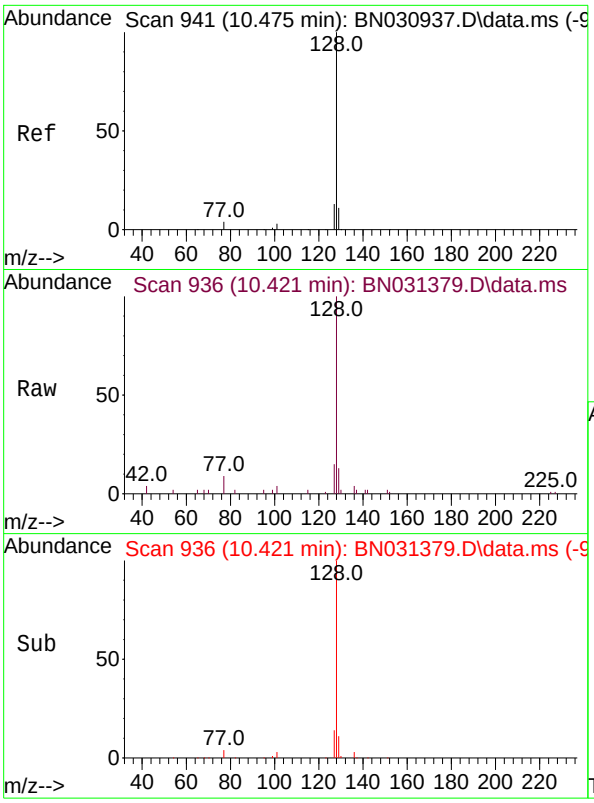


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.755 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion: 82 Resp: 2140

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.7	50.5
54	51.5	43.7	65.5



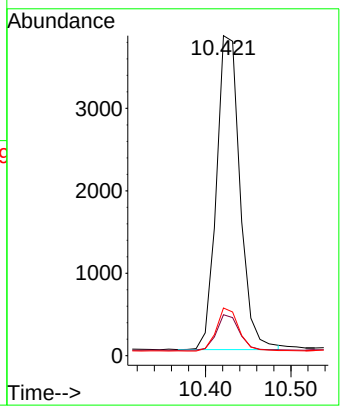


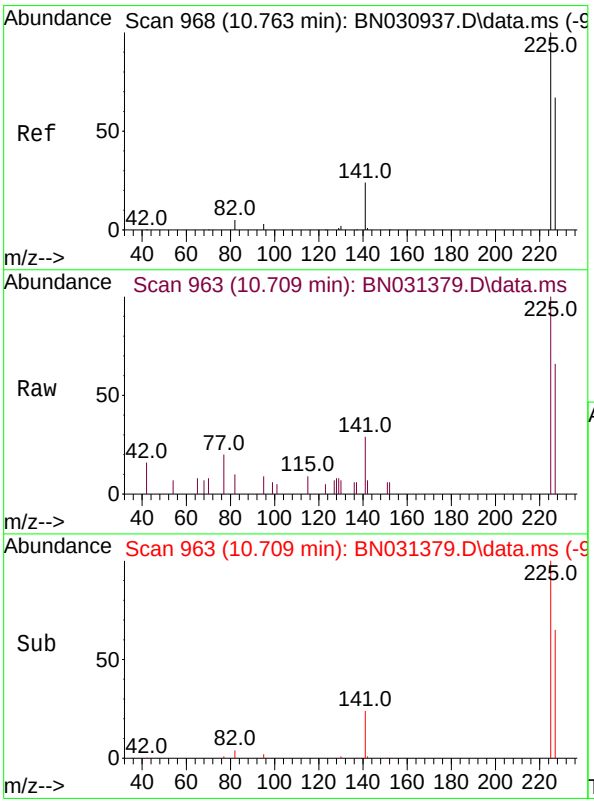
#9
Naphthalene
Concen: 0.306 ng
RT: 10.421 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:128 Resp: 7314

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.4	14.0
127	14.9	10.9	16.3

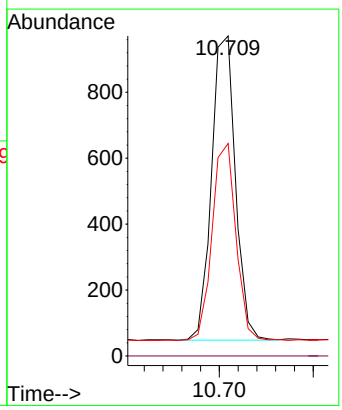


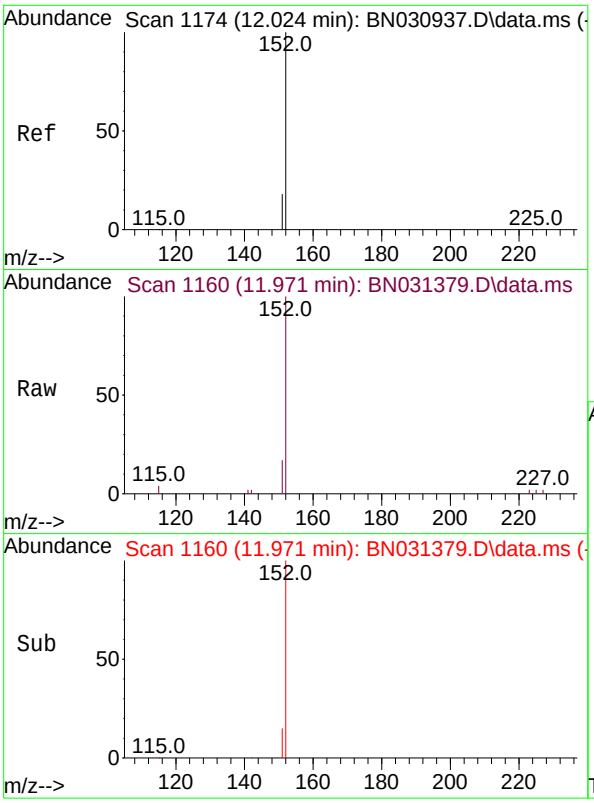


#10
Hexachlorobutadiene
Concen: 0.340 ng
RT: 10.709 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:225 Resp: 1632

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.3	76.9



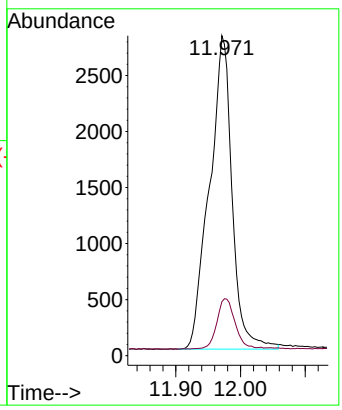


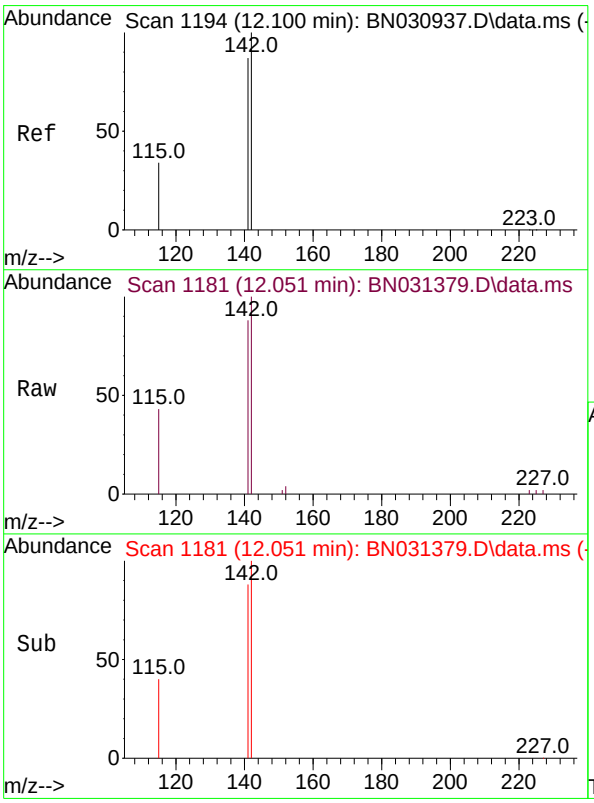
#11
2-Methylnaphthalene-d10
Concen: 0.510 ng
RT: 11.971 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:152 Resp: 6797

Ion	Ratio	Lower	Upper
152	100		
151	13.1	16.7	25.1#

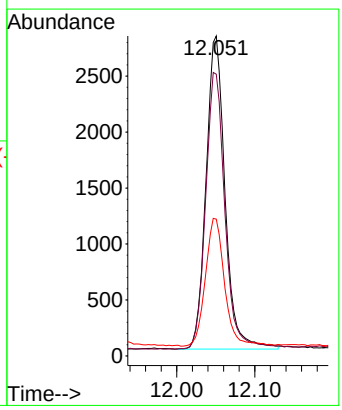


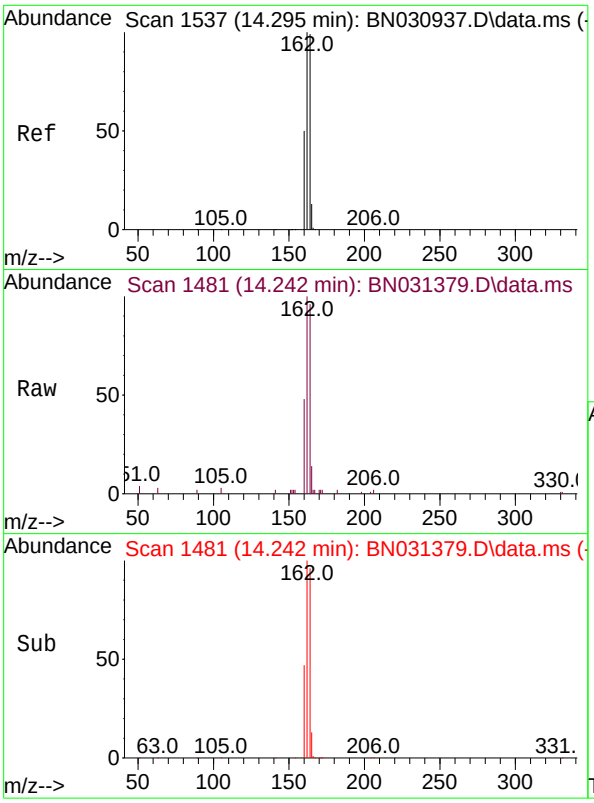


#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.051 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:142 Resp: 4736

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.8
115	42.7	28.3	42.5#



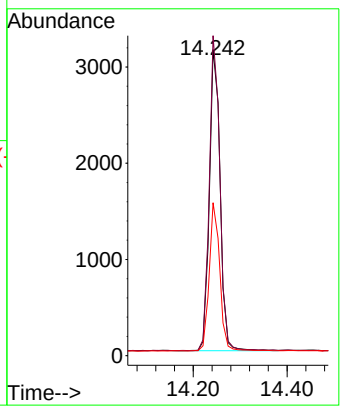


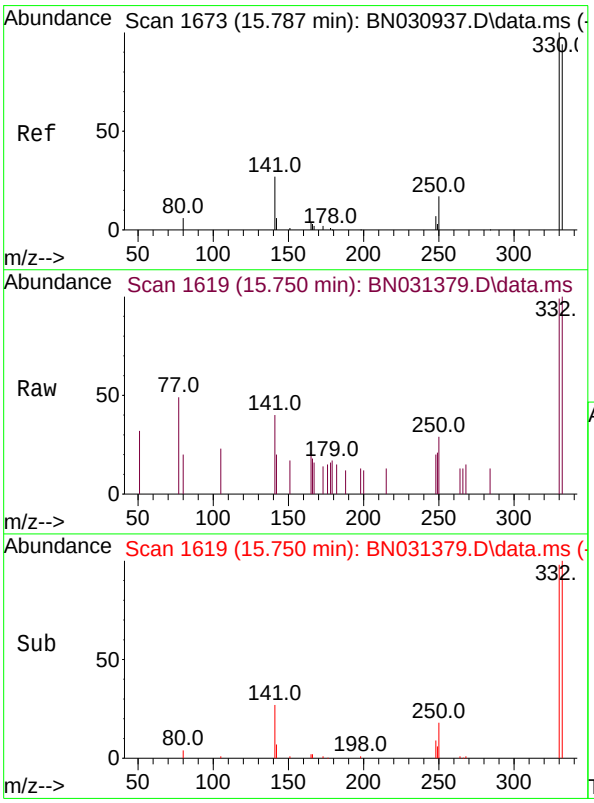
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:164 Resp: 4967

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	121.0
160	50.0	40.7	61.1

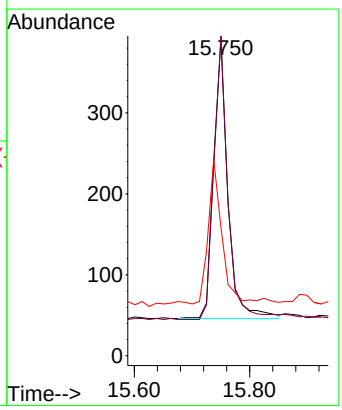


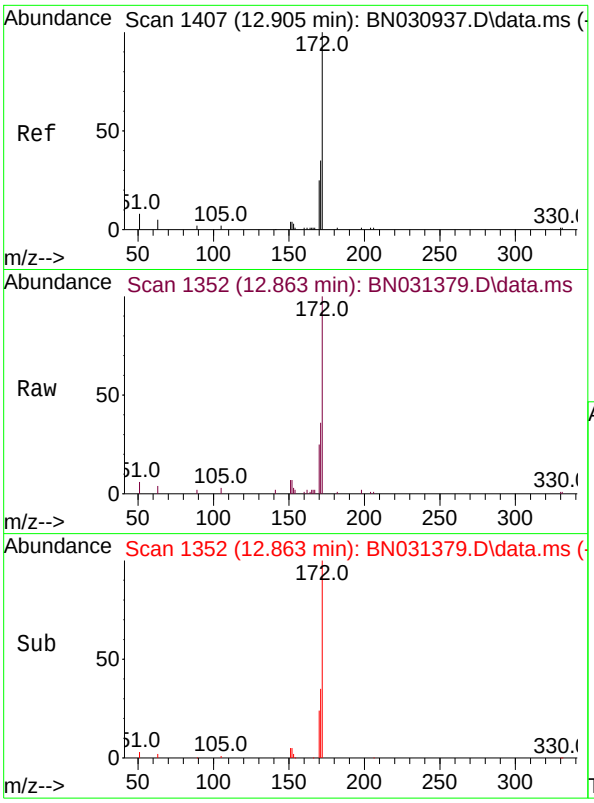


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:330 Resp: 591

Ion	Ratio	Lower	Upper
330	100		
332	99.0	74.2	111.2
141	49.6	37.2	55.8



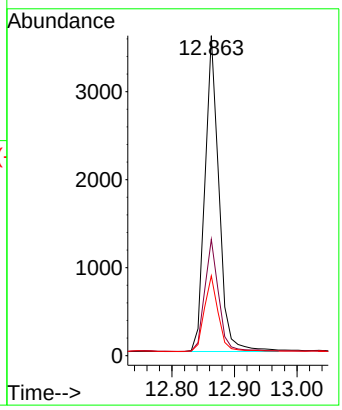


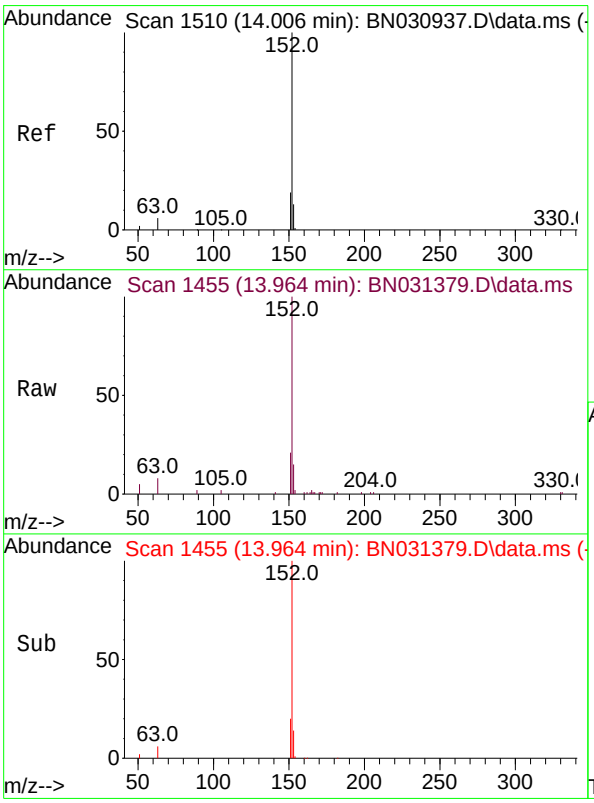
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:172 Resp: 5591

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.3	42.5
170	24.9	19.8	29.8

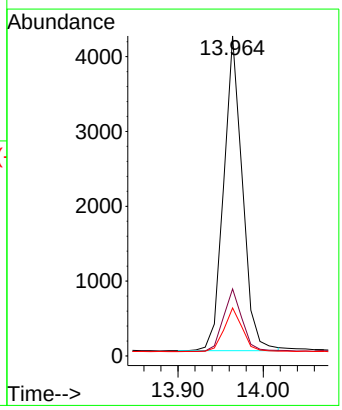


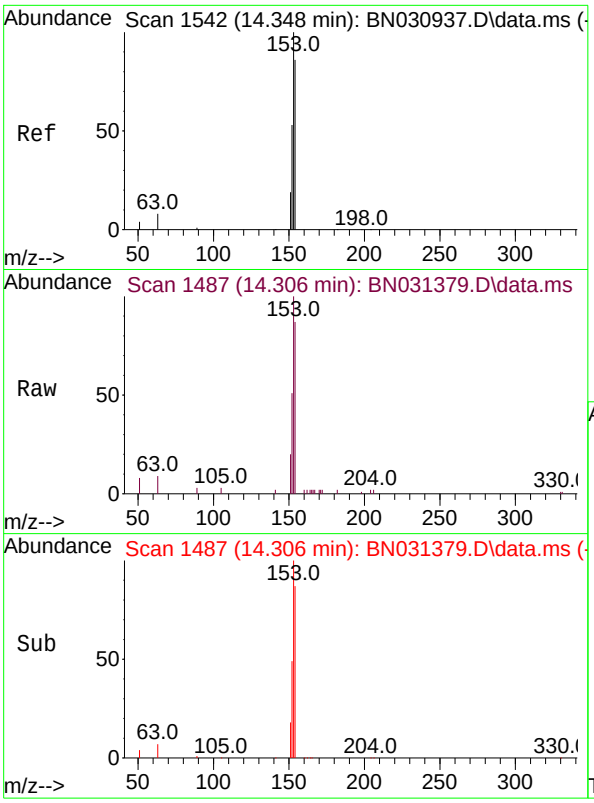


#16
Acenaphthylene
Concen: 0.292 ng
RT: 13.964 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:152 Resp: 6400

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.3	22.9
153	13.8	10.4	15.6



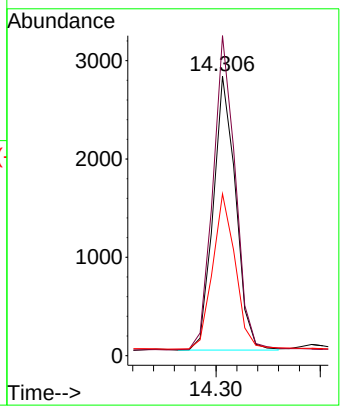


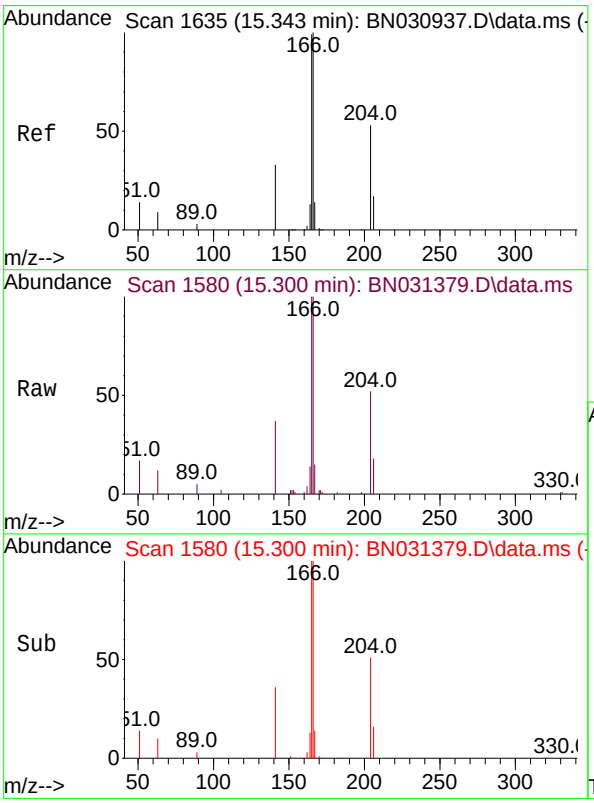
#17
Acenaphthene
Concen: 0.269 ng
RT: 14.306 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:154 Resp: 4158

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.1	136.7
152	57.3	47.6	71.4

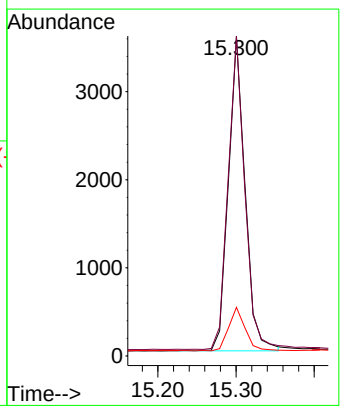


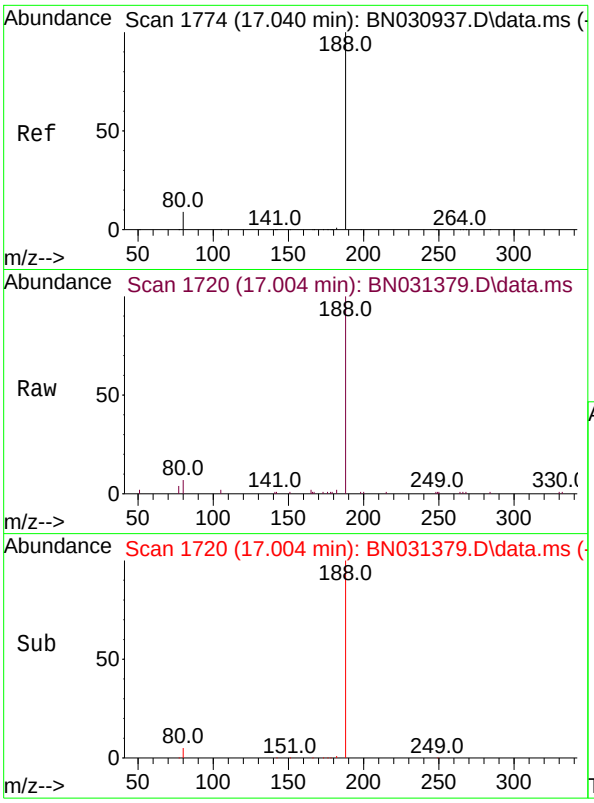


#18
Fluorene
Concen: 0.258 ng
RT: 15.300 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:166 Resp: 5273

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.3	117.5
167	13.7	11.1	16.7



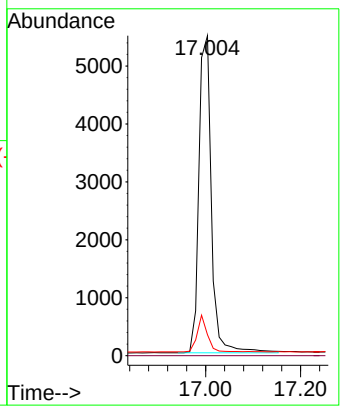


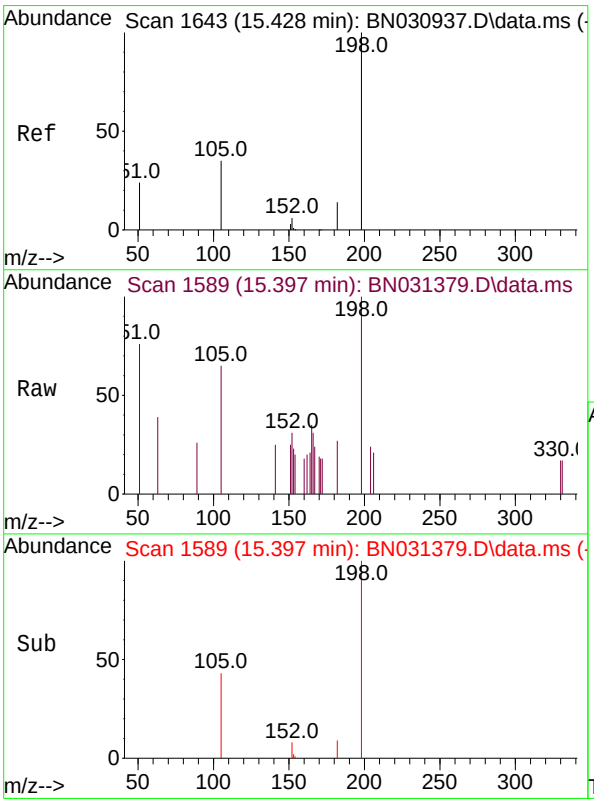
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:188 Resp: 10013

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	7.4	11.2#

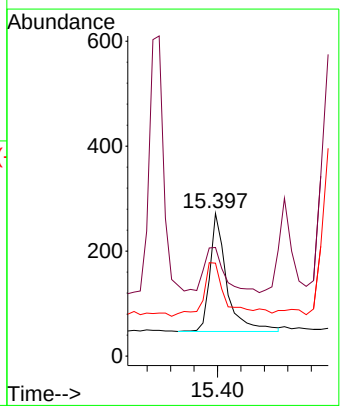


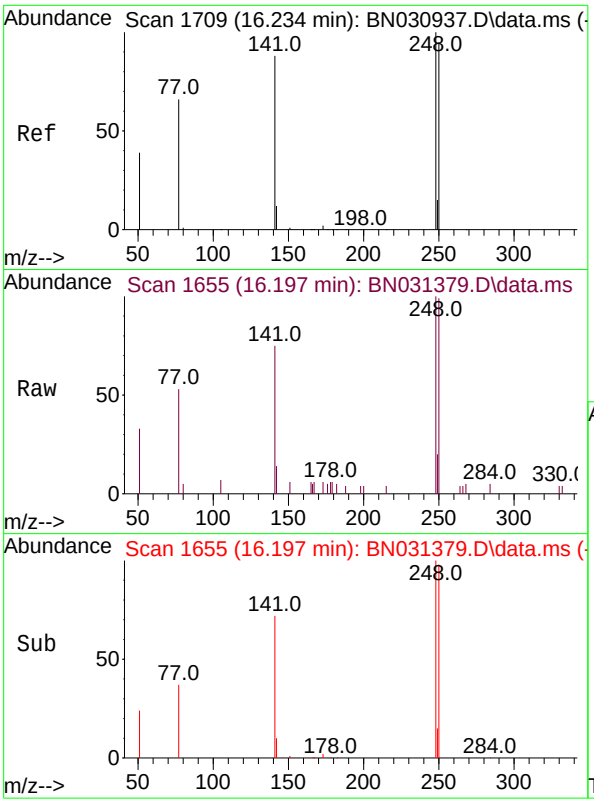


#20
4,6-Dinitro-2-methylphenol
Concen: 0.399 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:198 Resp: 450

Ion	Ratio	Lower	Upper
198	100		
51	76.1	65.2	97.8
105	65.1	41.0	61.4#



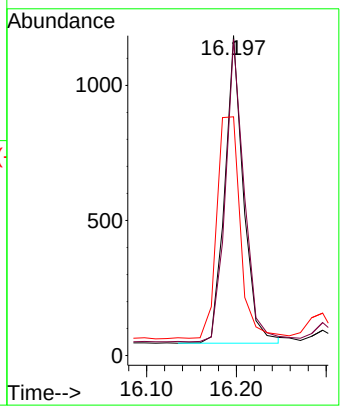


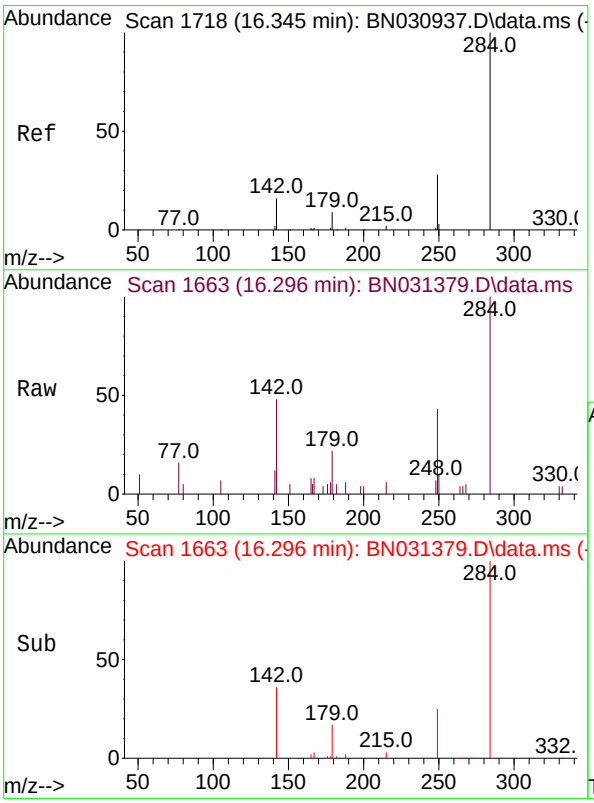
#21
4-Bromophenyl-phenylether
Concen: 0.276 ng
RT: 16.197 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:248 Resp: 1641

Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.1	114.1
141	74.7	71.1	106.7

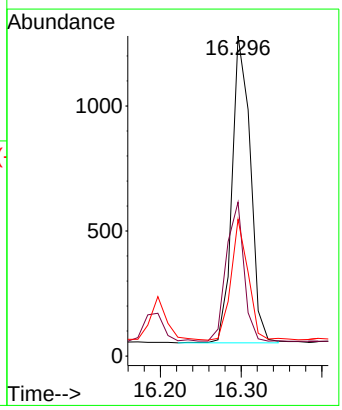


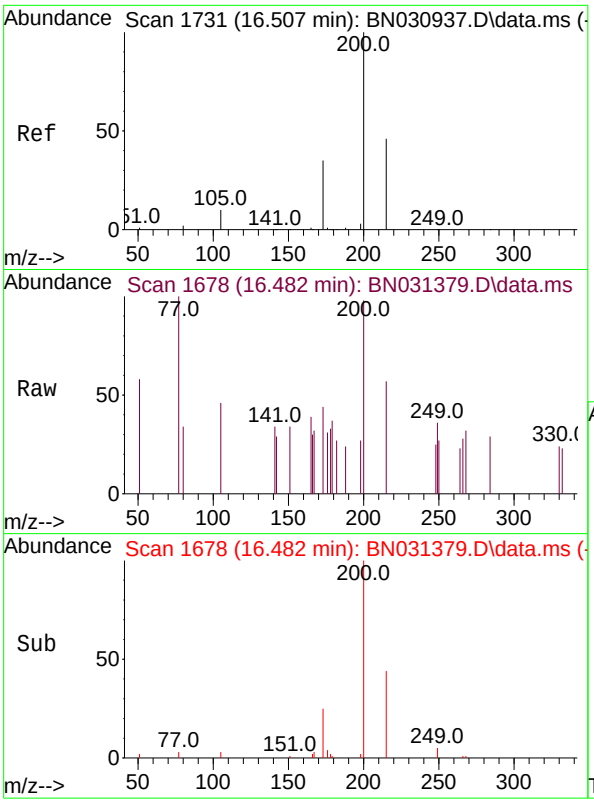


#22
Hexachlorobenzene
Concen: 0.277 ng
RT: 16.296 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:284 Resp: 1927

Ion	Ratio	Lower	Upper
284	100		
142	43.4	33.0	49.4
249	36.6	25.5	38.3



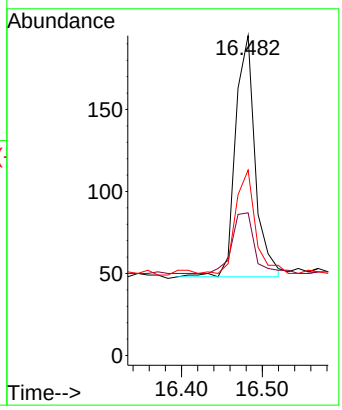


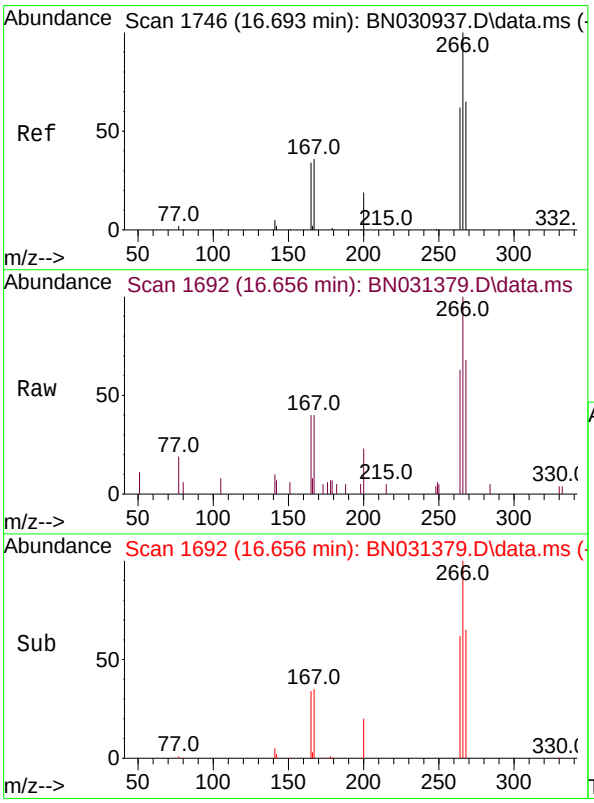
#23
Atrazine
Concen: 0.058 ng
RT: 16.482 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:200 Resp: 250

Ion	Ratio	Lower	Upper
200	100		
173	44.6	29.9	44.9
215	57.9	38.7	58.1

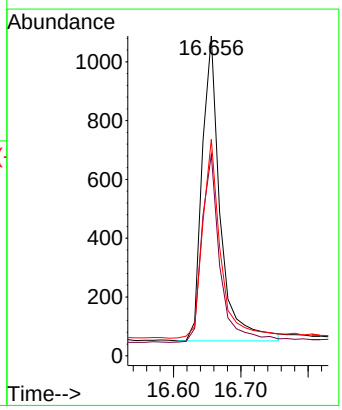


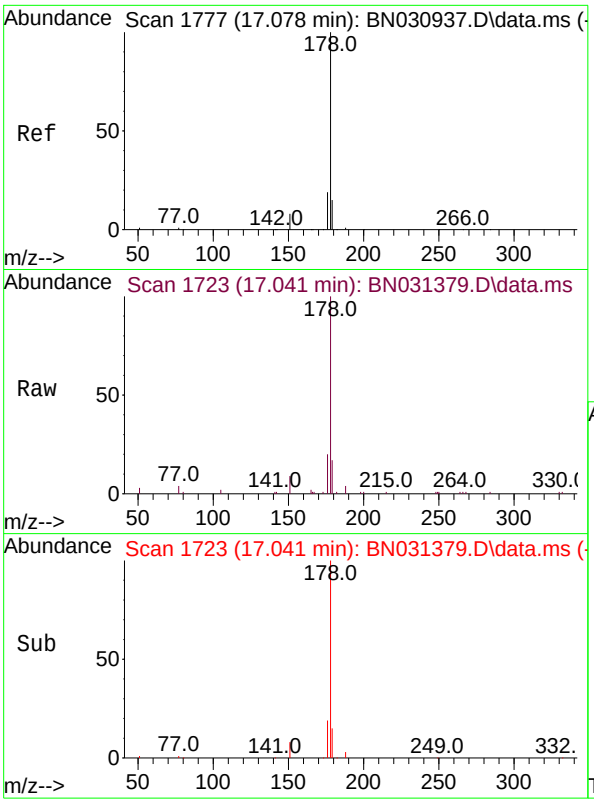


#24
Pentachlorophenol
Concen: 0.821 ng
RT: 16.656 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:266 Resp: 1944

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.2	75.2
268	65.0	52.3	78.5



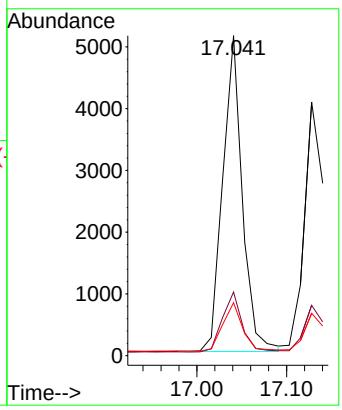


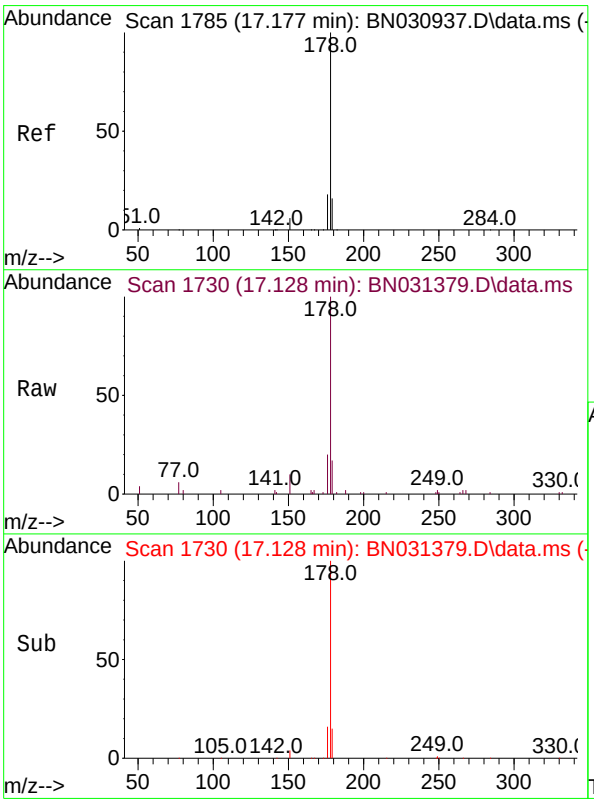
#25
Phenanthrene
Concen: 0.262 ng
RT: 17.041 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:178 Resp: 7755

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.4	12.2	18.2

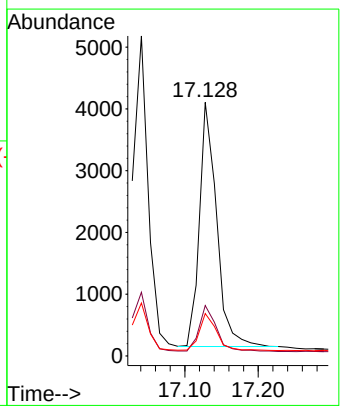


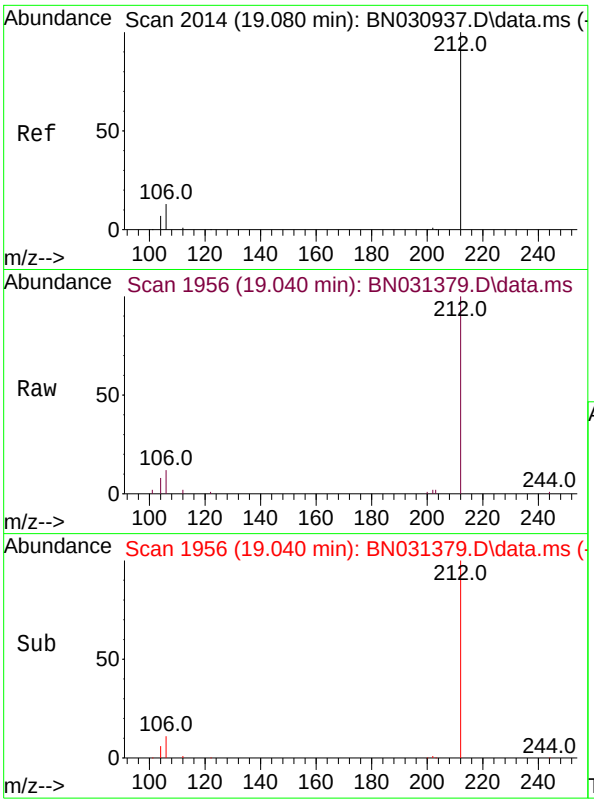


#26
Anthracene
Concen: 0.263 ng
RT: 17.128 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:178 Resp: 6425

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.2	12.3	18.5



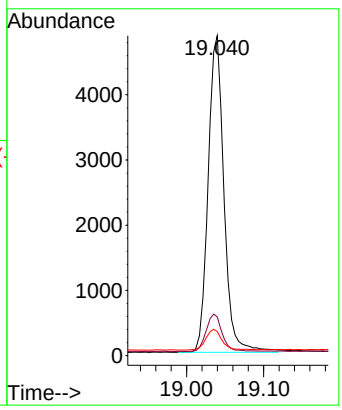


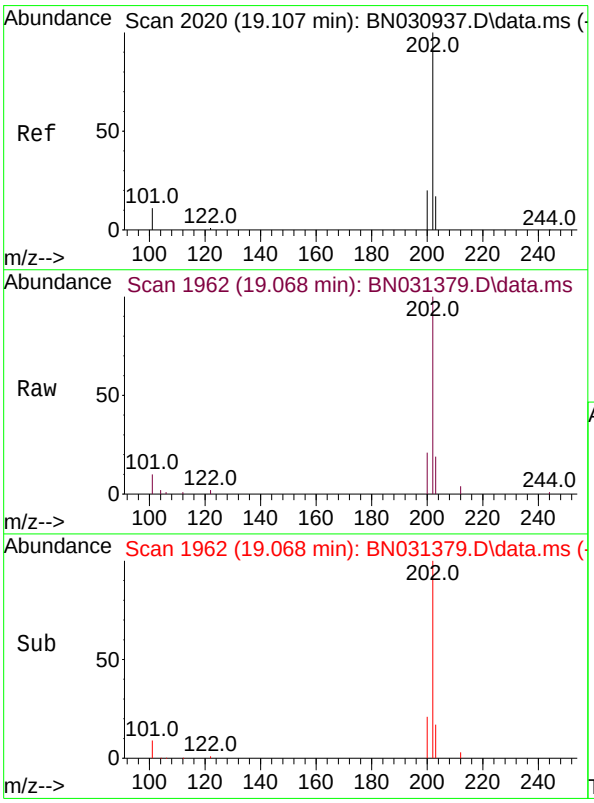
#27
Fluoranthene-d10
Concen: 0.257 ng
RT: 19.040 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:212 Resp: 6927

Ion	Ratio	Lower	Upper
212	100		
106	12.0	12.0	18.0
104	6.8	6.7	10.1

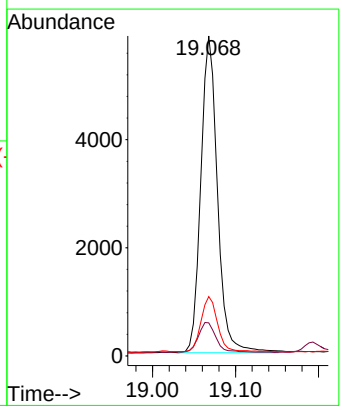


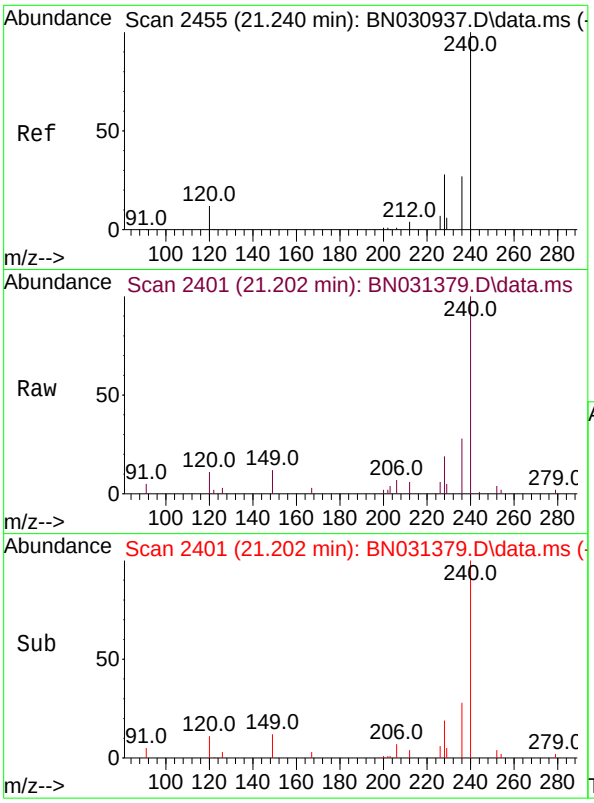


#28
Fluoranthene
Concen: 0.231 ng
RT: 19.068 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:202 Resp: 8197

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.4	14.2
203	17.4	13.8	20.8



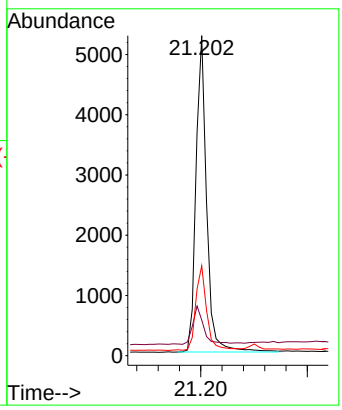


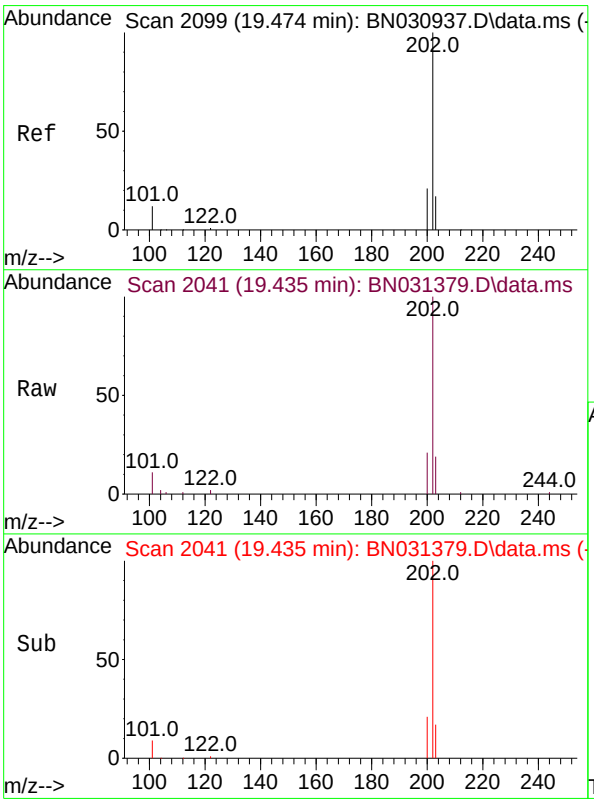
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:240 Resp: 7327

Ion	Ratio	Lower	Upper
240	100		
120	11.2	11.0	16.4
236	28.1	22.3	33.5

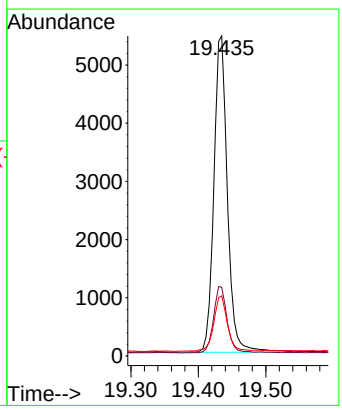


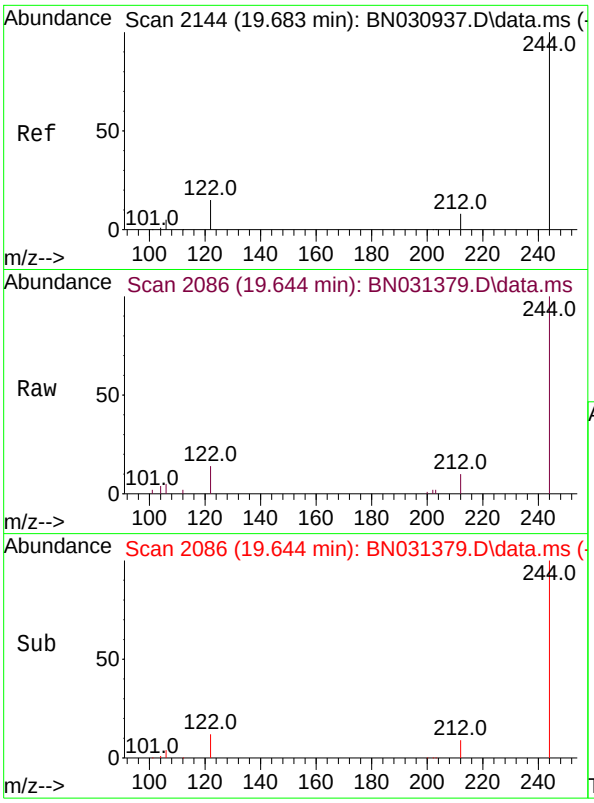


#30
Pyrene
Concen: 0.266 ng
RT: 19.435 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:202 Resp: 7580

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	18.1	14.3	21.5



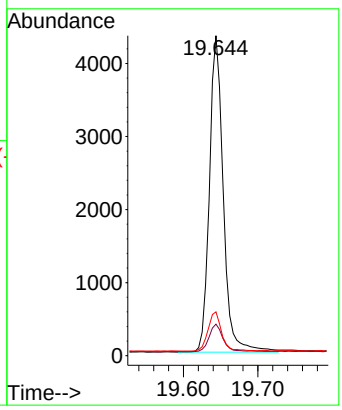


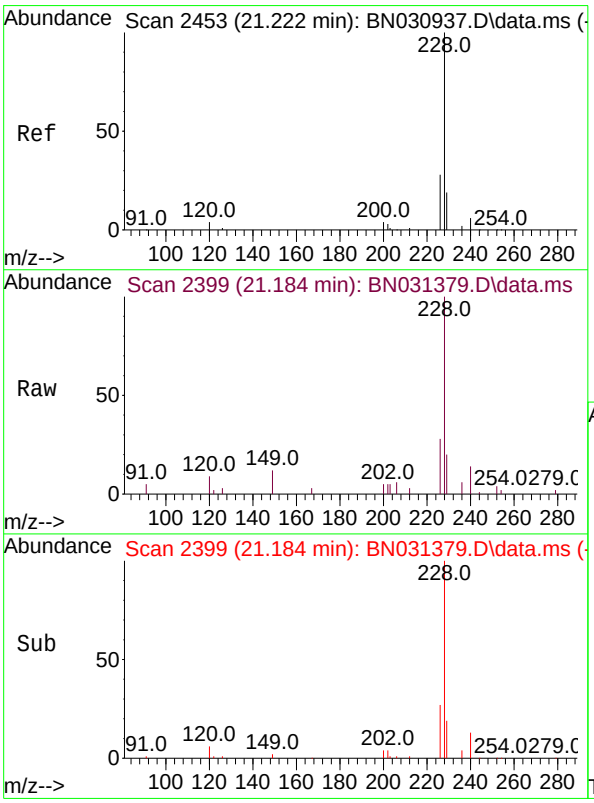
#31
Terphenyl-d14
Concen: 0.330 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:244 Resp: 5616

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.2	10.8
122	13.7	12.7	19.1

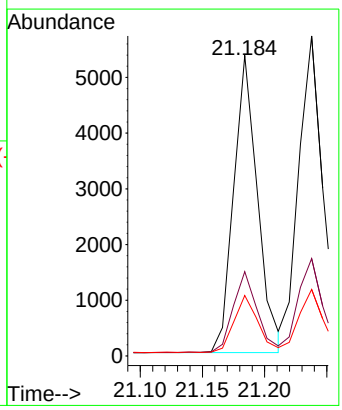


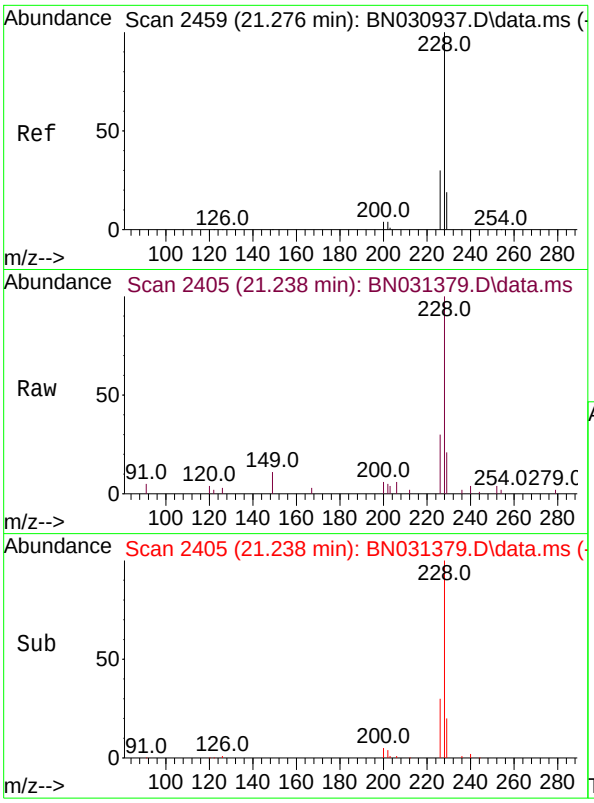


#32
Benzo(a)anthracene
Concen: 0.278 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:228 Resp: 7103

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.1	15.7	23.5



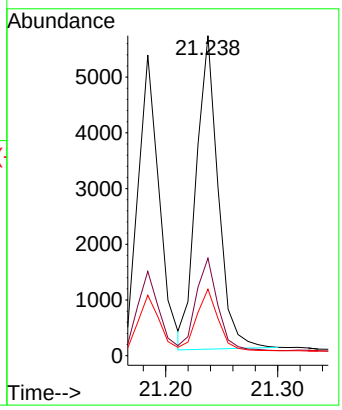


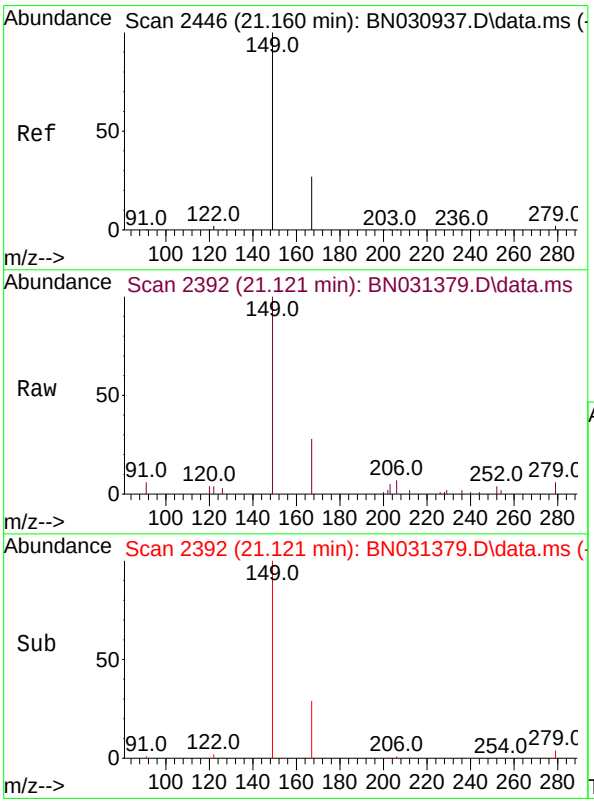
#33
Chrysene
Concen: 0.276 ng
RT: 21.238 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:228 Resp: 7646

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.8	15.8	23.6

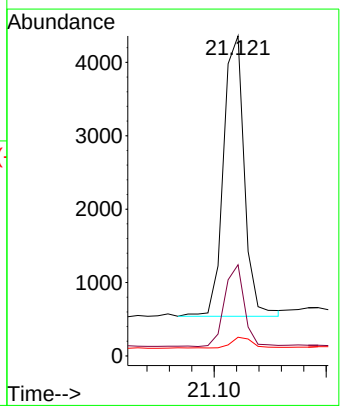


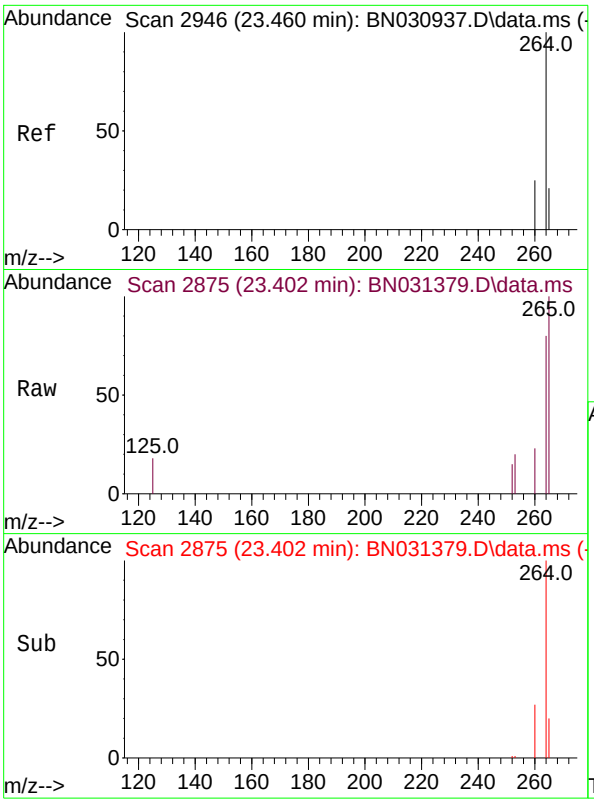


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.424 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:149 Resp: 4964

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.4
279	4.5	2.9	4.3#



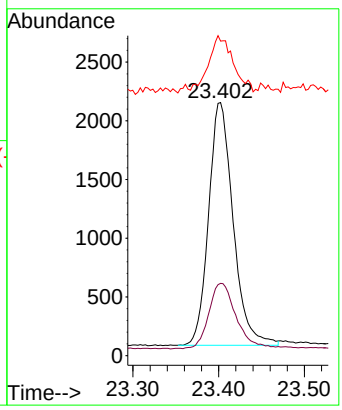


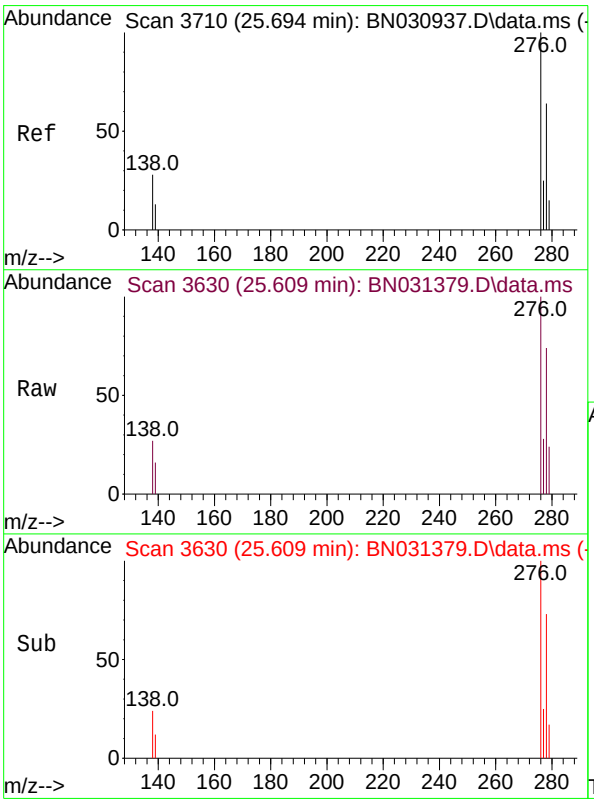
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.402 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:264 Resp: 4114

Ion	Ratio	Lower	Upper
264	100		
260	28.6	20.6	31.0
265	124.3	53.3	79.9#

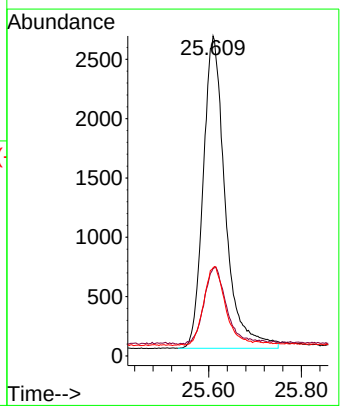


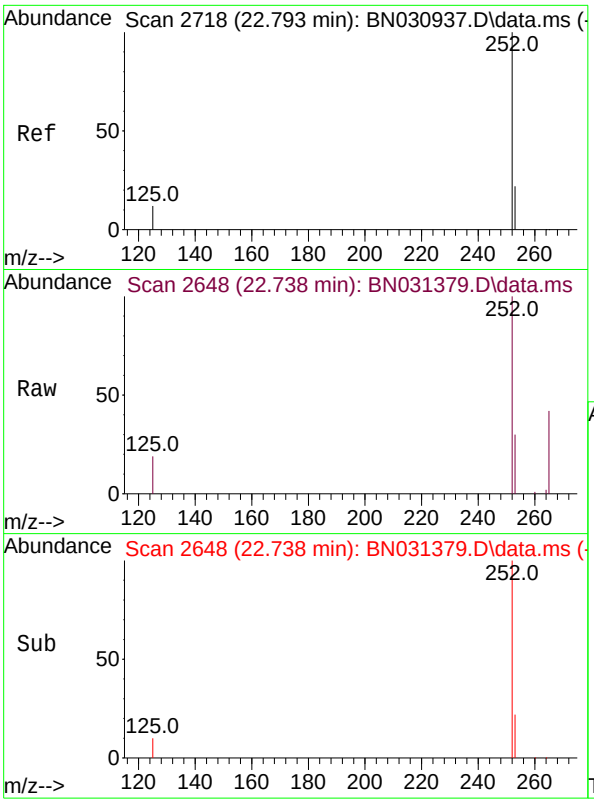


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng
RT: 25.609 min Scan# 3630
Delta R.T. -0.009 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:276 Resp: 8679

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.1	34.7
277	24.6	19.9	29.9



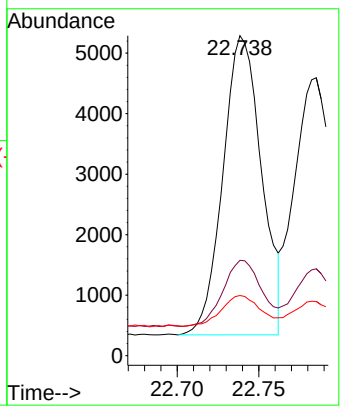


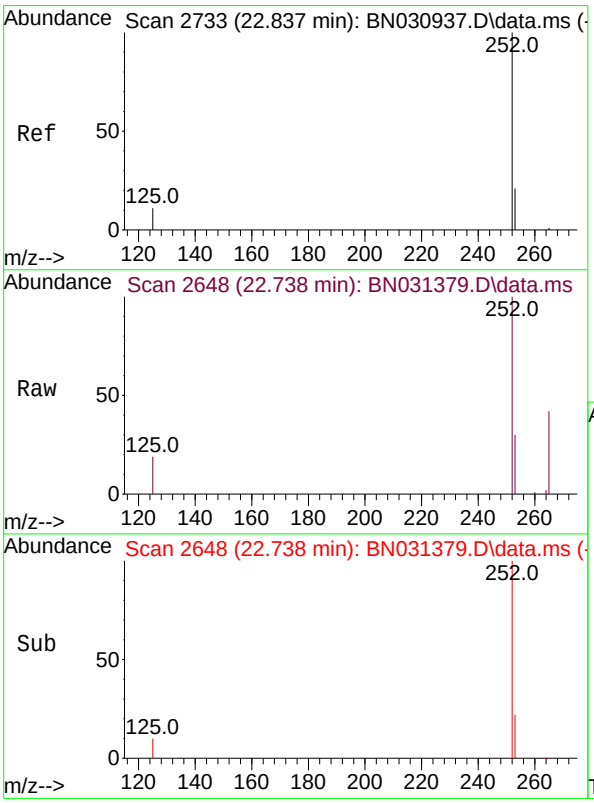
#37
Benzo(b)fluoranthene
Concen: 0.479 ng
RT: 22.738 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:252 Resp: 8137

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.2	30.2
125	18.8	13.4	20.2

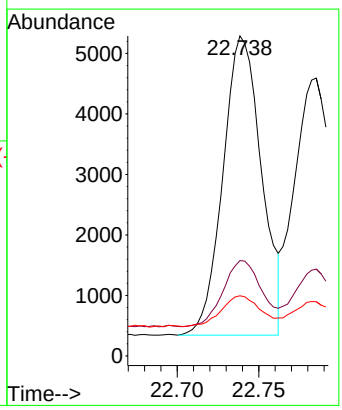


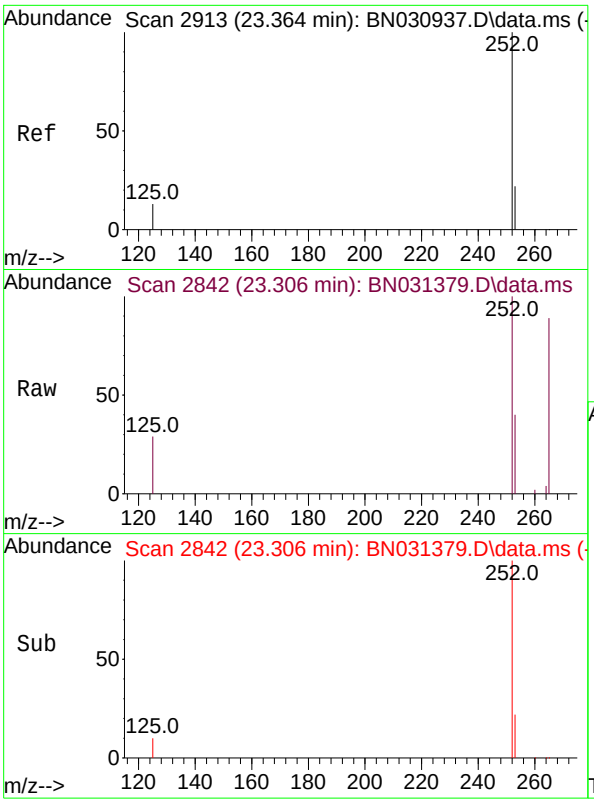


#38
Benzo(k)fluoranthene
Concen: 0.490 ng
RT: 22.738 min Scan# 2648
Delta R.T. -0.053 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:252 Resp: 8137

Ion	Ratio	Lower	Upper
252	100		
253	29.8	19.9	29.9
125	18.8	13.2	19.8



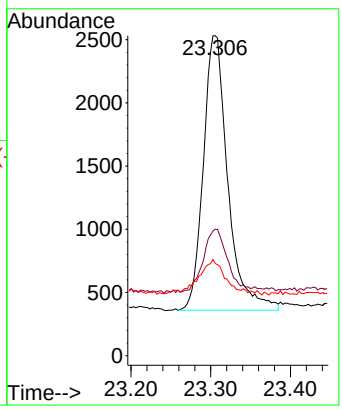


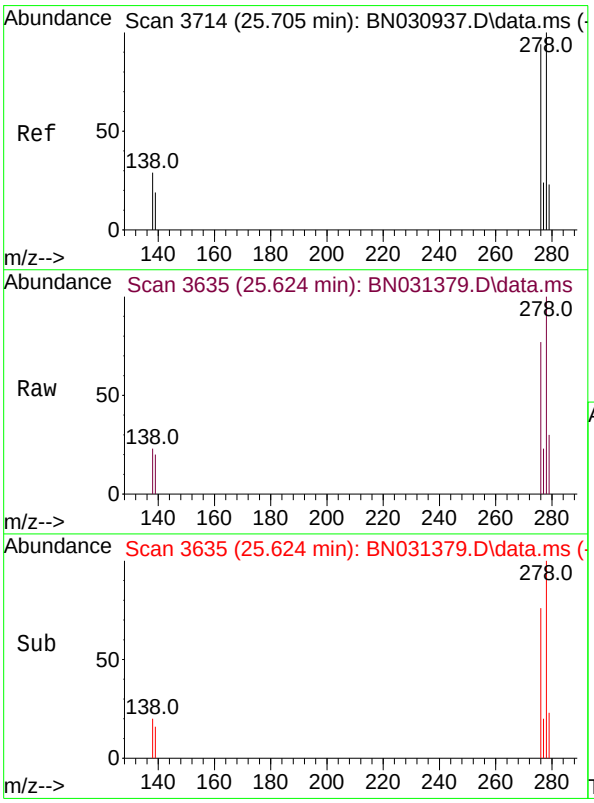
#39
Benzo(a)pyrene
Concen: 0.328 ng
RT: 23.306 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:252 Resp: 4636

Ion	Ratio	Lower	Upper
252	100		
253	39.5	21.4	32.2#
125	28.8	16.6	25.0#

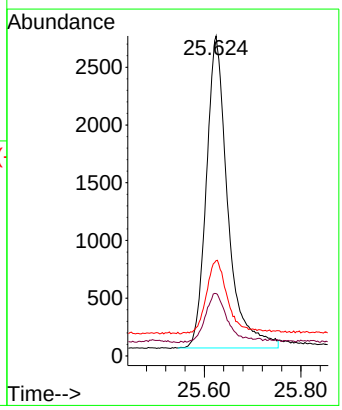


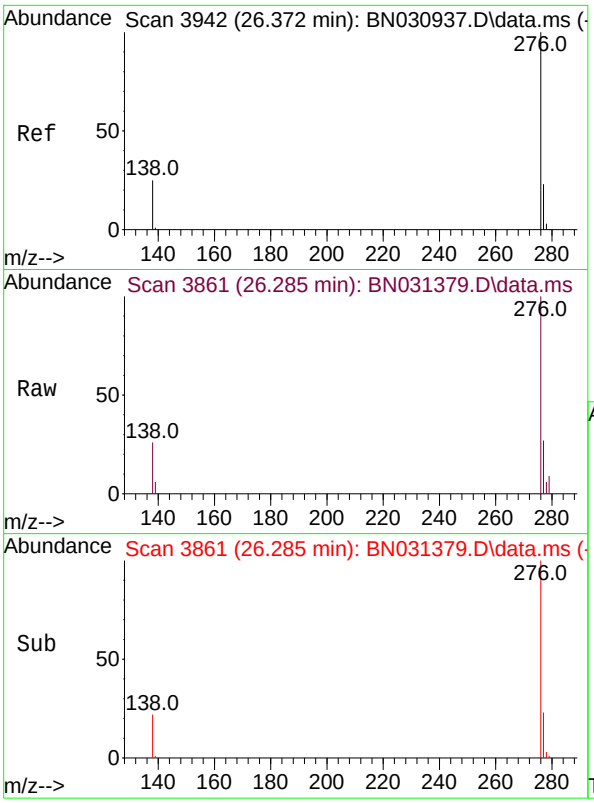


#40
Dibenzo(a,h)anthracene
Concen: 0.543 ng
RT: 25.624 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Tgt Ion:278 Resp: 8326

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.3	24.5
279	29.8	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 26.285 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN031379.D
Acq: 02 May 2024 19:51

Instrument :
BNA_N
ClientSampleId :
PB160578BS

Tgt Ion:276 Resp: 7020

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.2
138	25.8	21.0	31.4