Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032132.D
Acq On : 21 Jun 2024 15:33
Operator : MA/JU
Sample : PB161619BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Quant Time: Jun 21 16:31:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

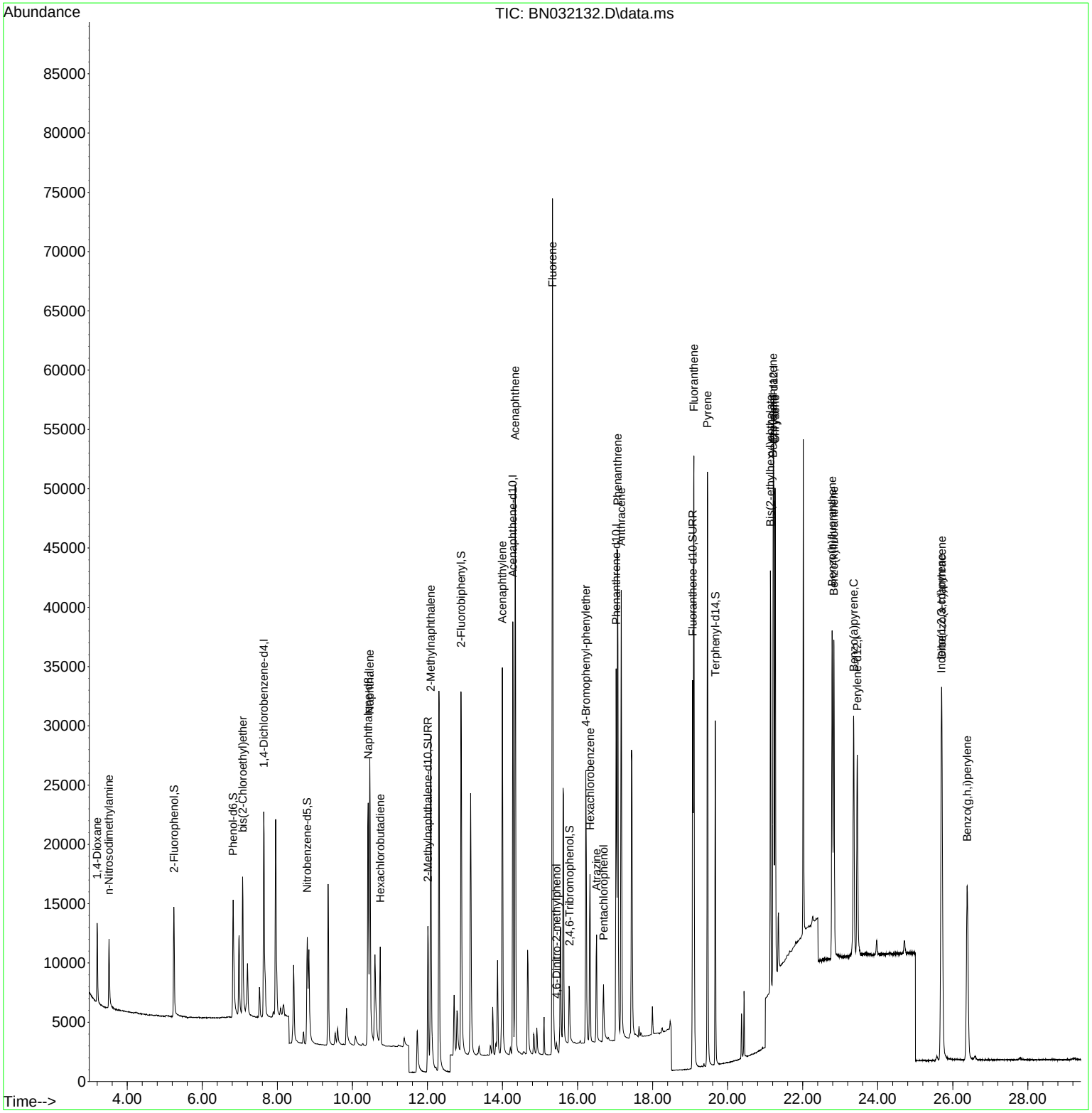
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9441	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	33234	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	21915	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	43502	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26308	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	23696	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	9084	0.338	ng	0.00
5) Phenol-d6	6.823	99	12730	0.362	ng	0.00
8) Nitrobenzene-d5	8.798	82	9517	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.013	152	20872	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	3563	0.339	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	32594	0.392	ng	-0.01
27) Fluoranthene-d10	19.068	212	39303	0.332	ng	0.00
31) Terphenyl-d14	19.672	244	29728	0.462	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	4816	0.417	ng	98
3) n-Nitrosodimethylamine	3.515	42	3422	0.311	ng	# 99
6) bis(2-Chloroethyl)ether	7.075	93	9723	0.321	ng	97
9) Naphthalene	10.464	128	34603	0.387	ng	100
10) Hexachlorobutadiene	10.741	225	6595	0.422	ng	# 99
12) 2-Methylnaphthalene	12.088	142	24939	0.408	ng	99
16) Acenaphthylene	13.996	152	37136	0.368	ng	100
17) Acenaphthene	14.338	154	24709	0.380	ng	99
18) Fluorene	15.332	166	32115	0.370	ng	100
20) 4,6-Dinitro-2-methylph...	15.439	198	855	0.268	ng	# 47
21) 4-Bromophenyl-phenylether	16.222	248	10527	0.427	ng	# 79
22) Hexachlorobenzene	16.333	284	11598	0.453	ng	97
23) Atrazine	16.507	200	7972	0.353	ng	96
24) Pentachlorophenol	16.693	266	3235	0.369	ng	100
25) Phenanthrene	17.066	178	48413	0.401	ng	100
26) Anthracene	17.165	178	42916	0.383	ng	100
28) Fluoranthene	19.100	202	50930	0.348	ng	99
30) Pyrene	19.463	202	50207	0.480	ng	100
32) Benzo(a)anthracene	21.211	228	38896	0.392	ng	99
33) Chrysene	21.265	228	36920	0.394	ng	98
34) Bis(2-ethylhexyl)phtha...	21.139	149	33254	0.492	ng	99
36) Indeno(1,2,3-cd)pyrene	25.694	276	38414	0.435	ng	100
37) Benzo(b)fluoranthene	22.785	252	36694	0.425	ng	98
38) Benzo(k)fluoranthene	22.829	252	35662	0.437	ng	97
39) Benzo(a)pyrene	23.358	252	30105	0.404	ng	96
40) Dibenzo(a,h)anthracene	25.709	278	30433	0.437	ng	99
41) Benzo(g,h,i)perylene	26.384	276	32100	0.429	ng	99

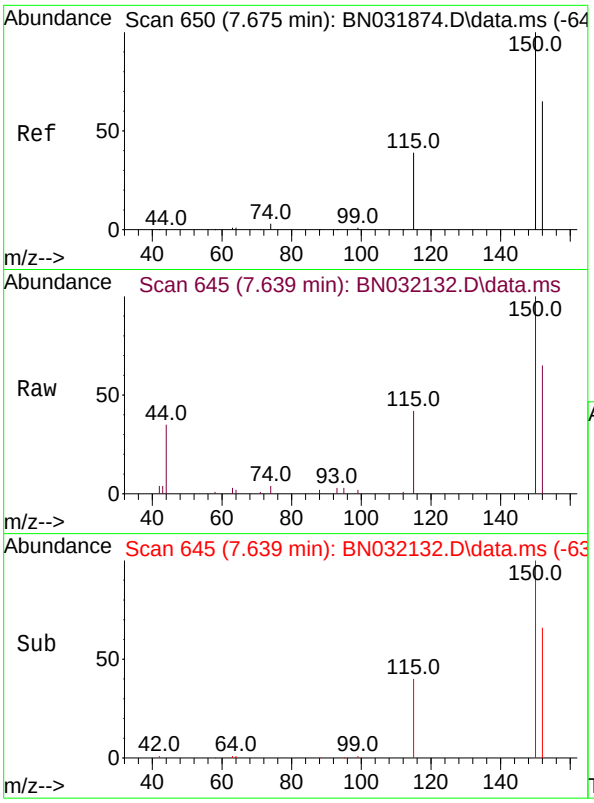
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032132.D
Acq On : 21 Jun 2024 15:33
Operator : MA/JU
Sample : PB161619BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Quant Time: Jun 21 16:31:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



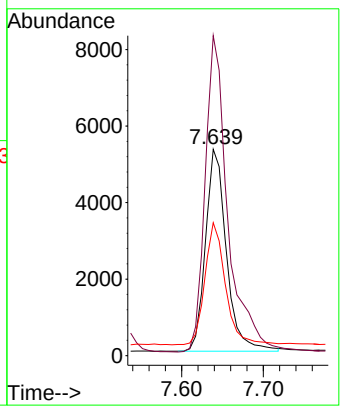


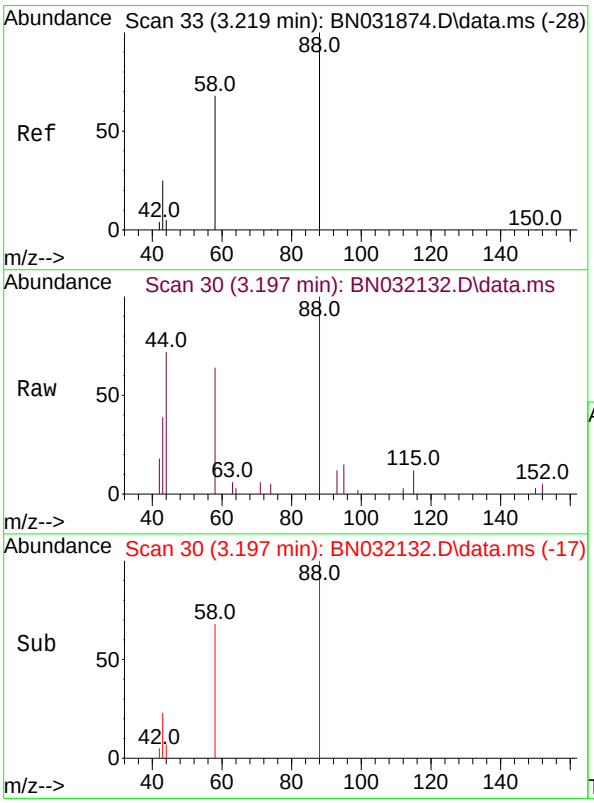
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:152 Resp: 9441

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.0	181.4
115	64.4	49.4	74.0

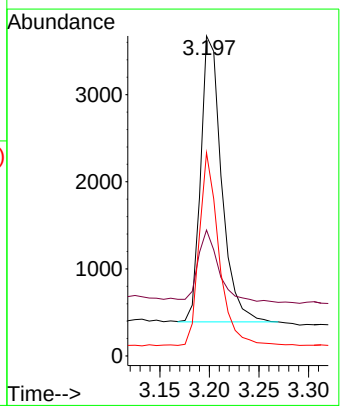


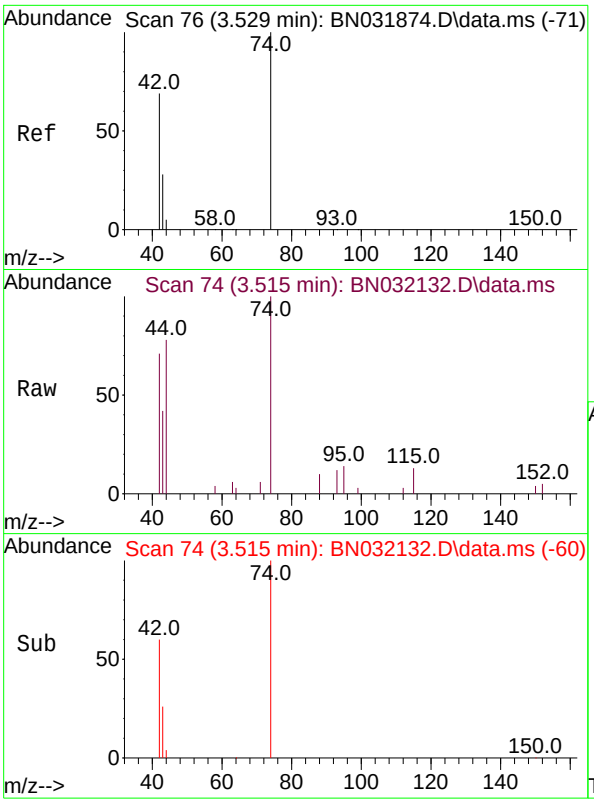


#2
1,4-Dioxane
Concen: 0.417 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion: 88 Resp: 4816

Ion	Ratio	Lower	Upper
88	100		
43	25.2	22.7	34.1
58	64.0	51.3	76.9



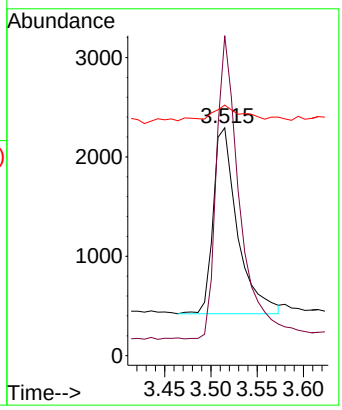


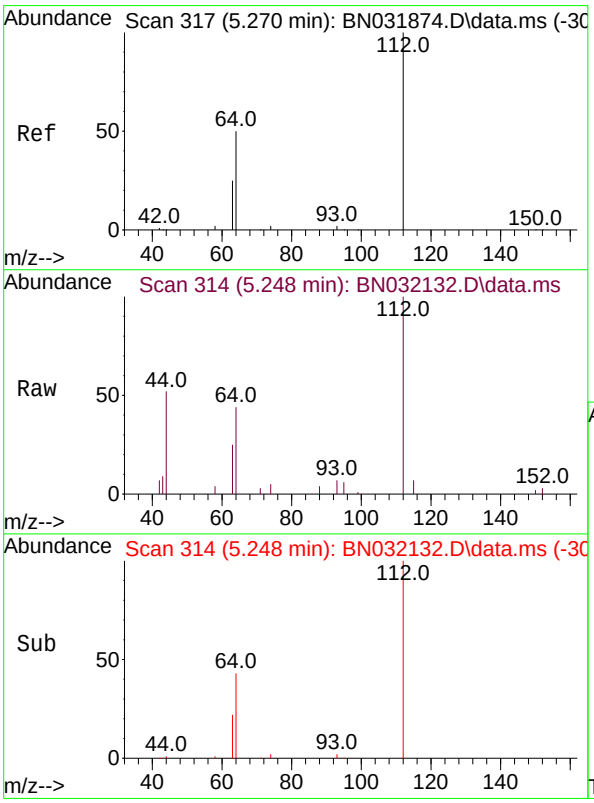
#3
n-Nitrosodimethylamine
Concen: 0.311 ng
RT: 3.515 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion: 42 Resp: 3422

Ion	Ratio	Lower	Upper
42	100		
74	155.8	125.2	187.8
44	11.6	6.9	10.3#

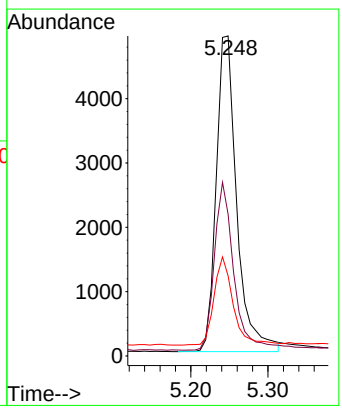


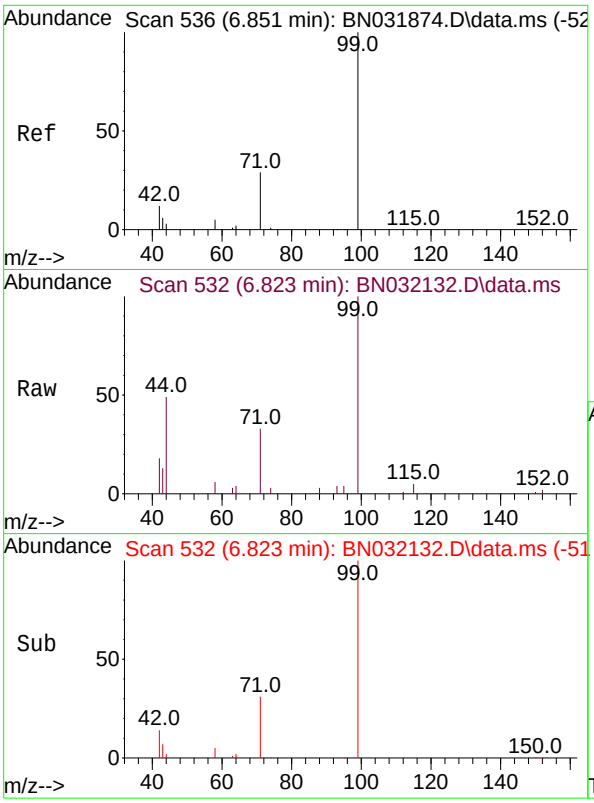


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:112 Resp: 9084

Ion	Ratio	Lower	Upper
112	100		
64	50.1	42.4	63.6
63	26.0	22.1	33.1



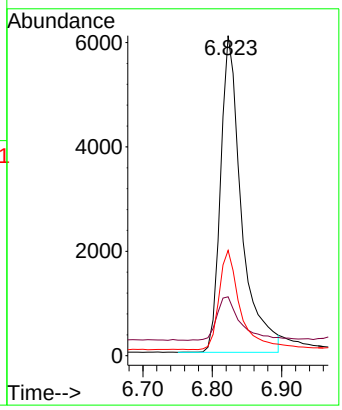


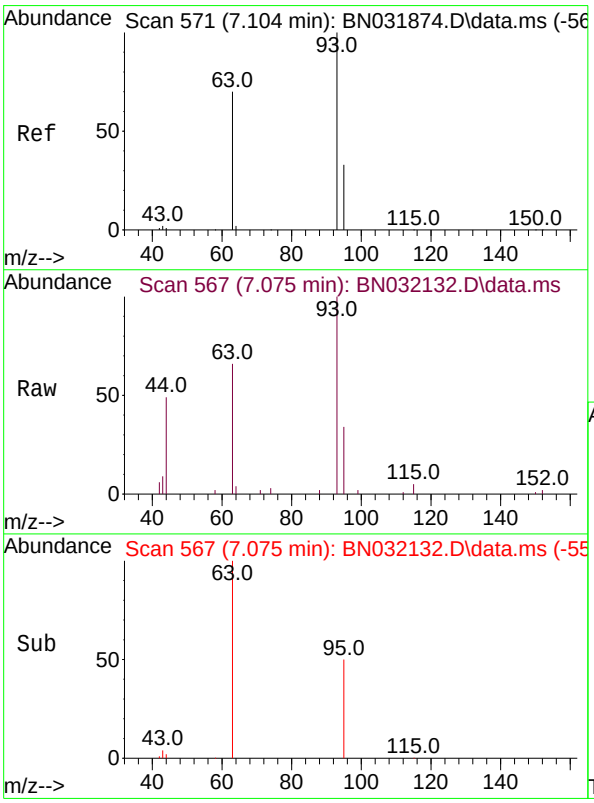
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.823 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion: 99 Resp: 12730

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	31.2	25.4	38.2

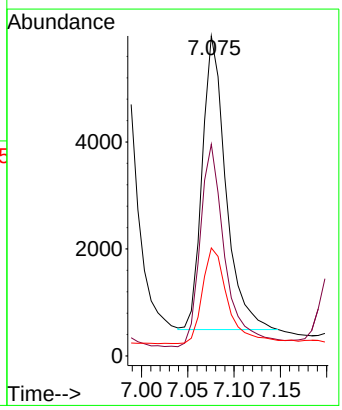


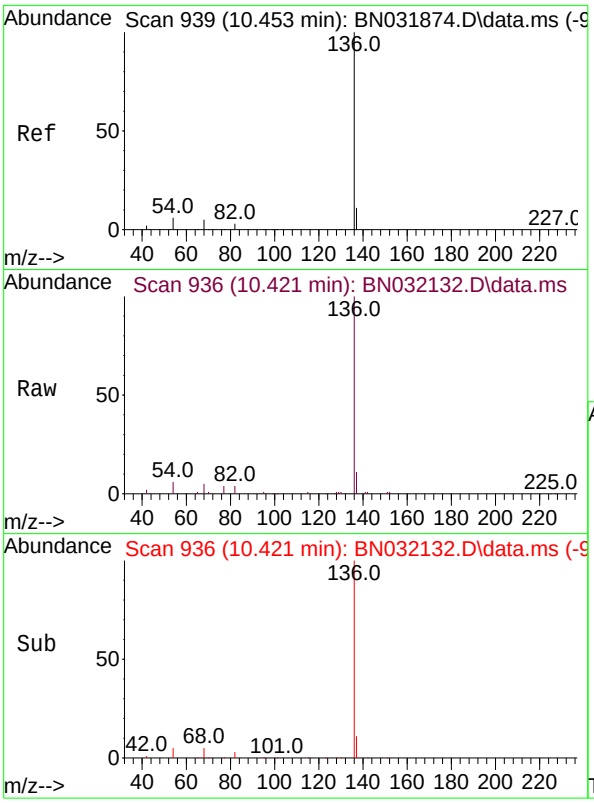


#6
bis(2-Chloroethyl)ether
Concen: 0.321 ng
RT: 7.075 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion: 93 Resp: 9723

Ion	Ratio	Lower	Upper
93	100		
63	72.6	56.2	84.2
95	35.4	26.4	39.6



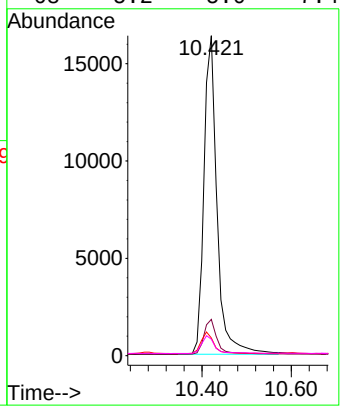


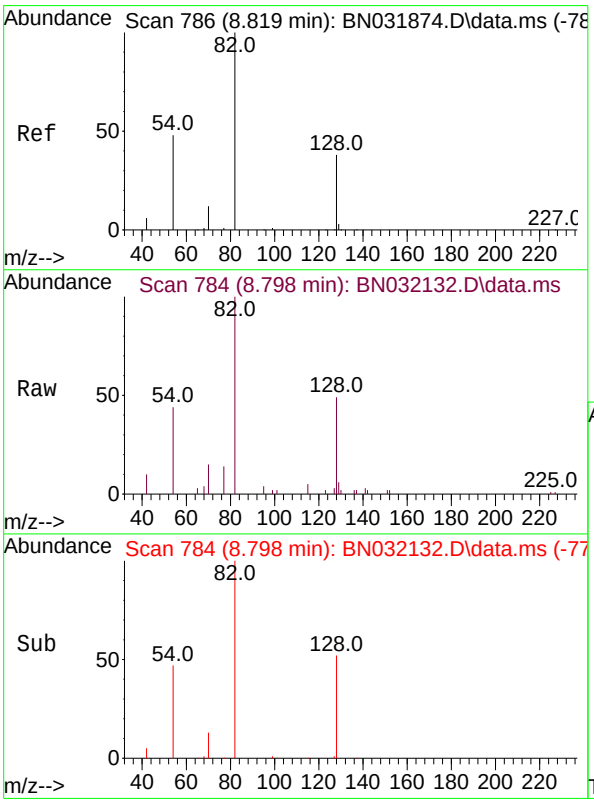
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:136 Resp: 33234

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	5.5	5.6	8.4#
68	5.2	5.0	7.4

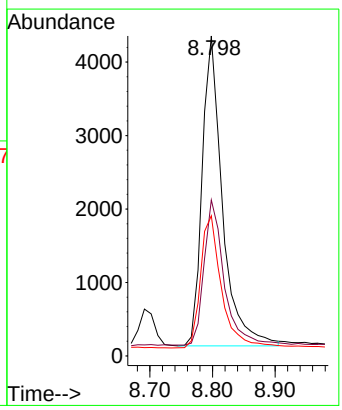


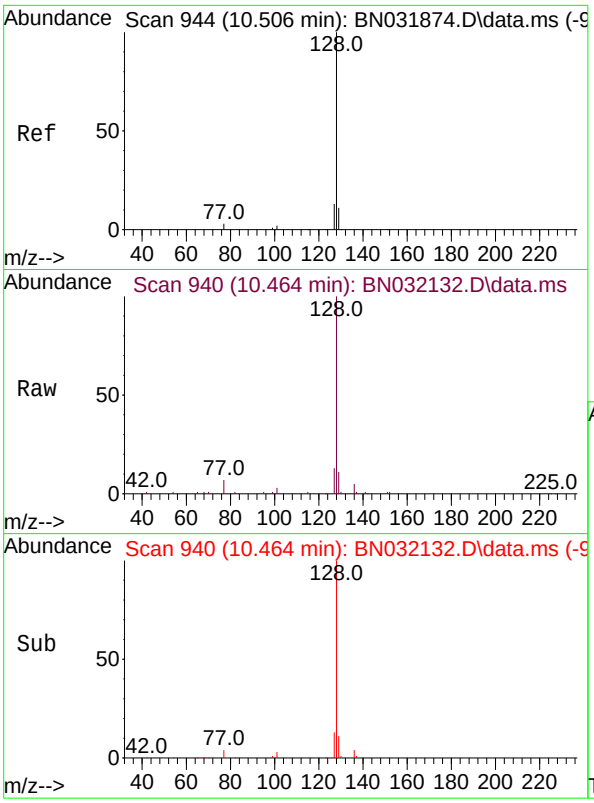


#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion: 82 Resp: 9517

Ion	Ratio	Lower	Upper
82	100		
128	48.8	32.1	48.1#
54	43.8	39.7	59.5



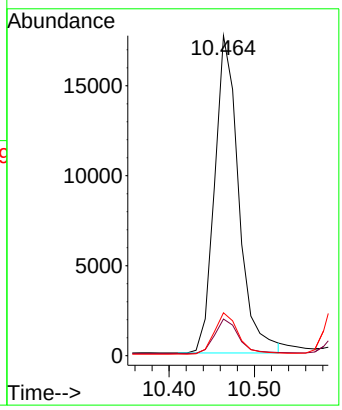


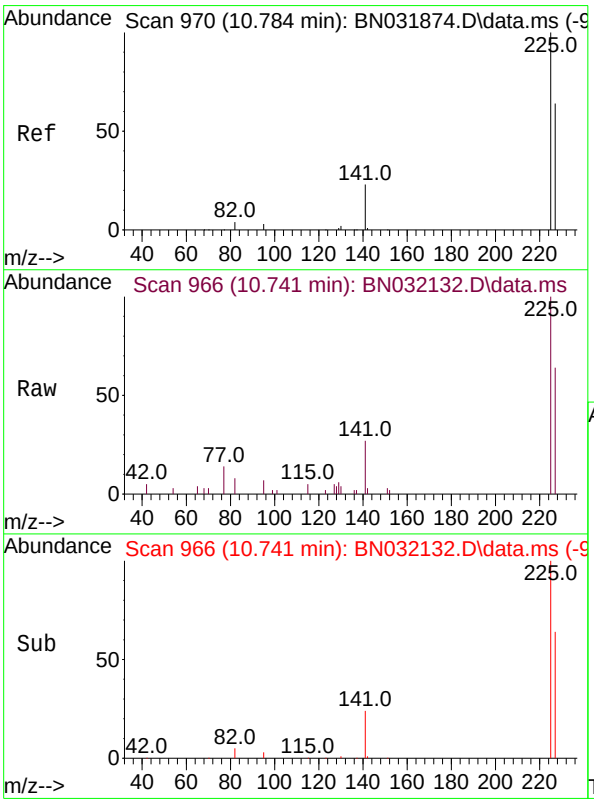
#9
Naphthalene
Concen: 0.387 ng
RT: 10.464 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:128 Resp: 34603

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.4	10.5	15.7

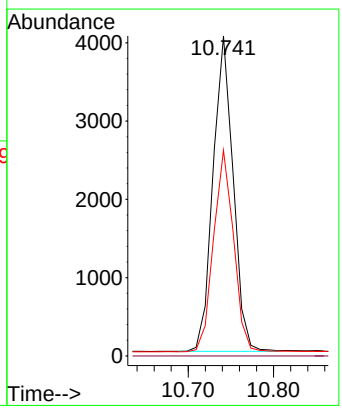


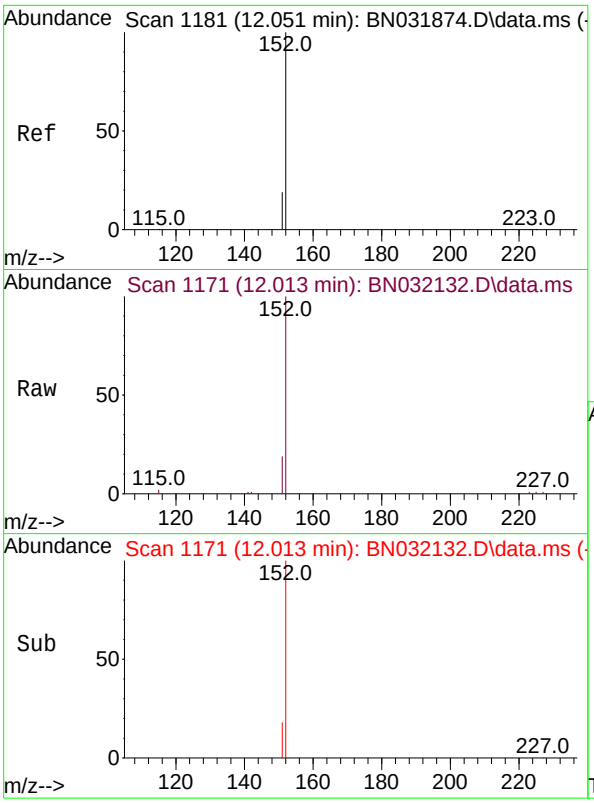


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.741 min Scan# 966
Delta R.T. -0.011 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:225 Resp: 6595

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.6	75.8



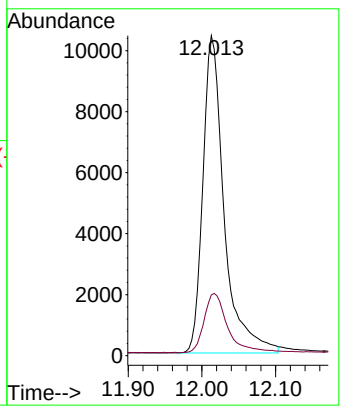


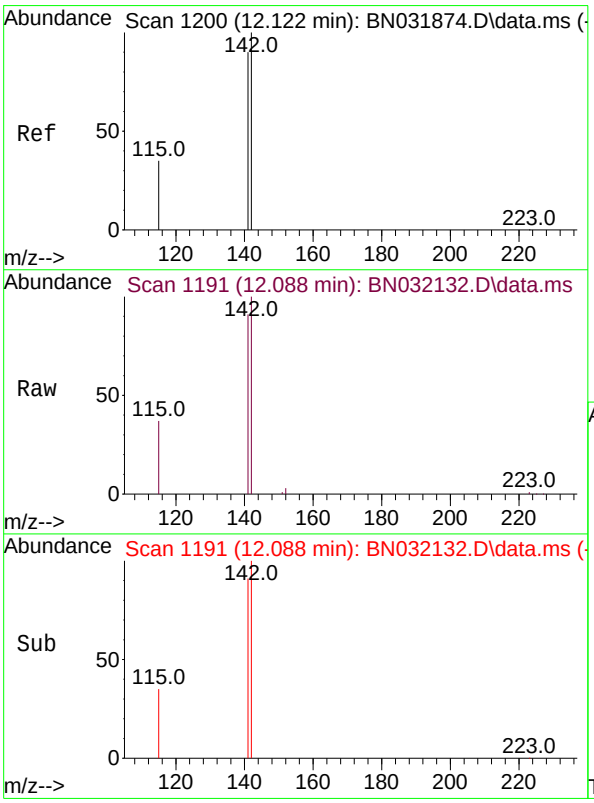
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.013 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:152 Resp: 20872

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

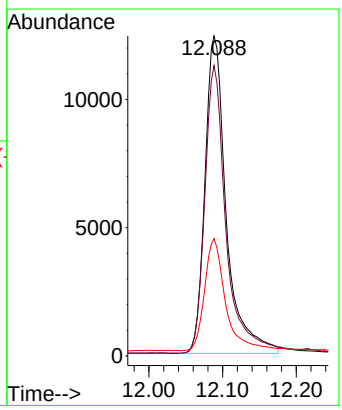


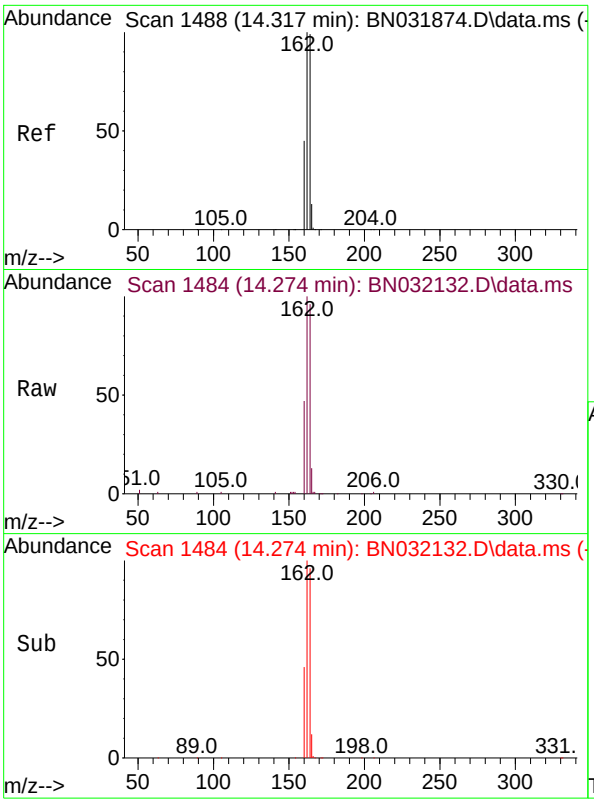


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.088 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:142 Resp: 24939

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.2
115	36.7	28.6	43.0



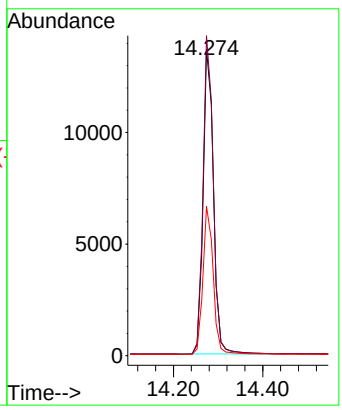


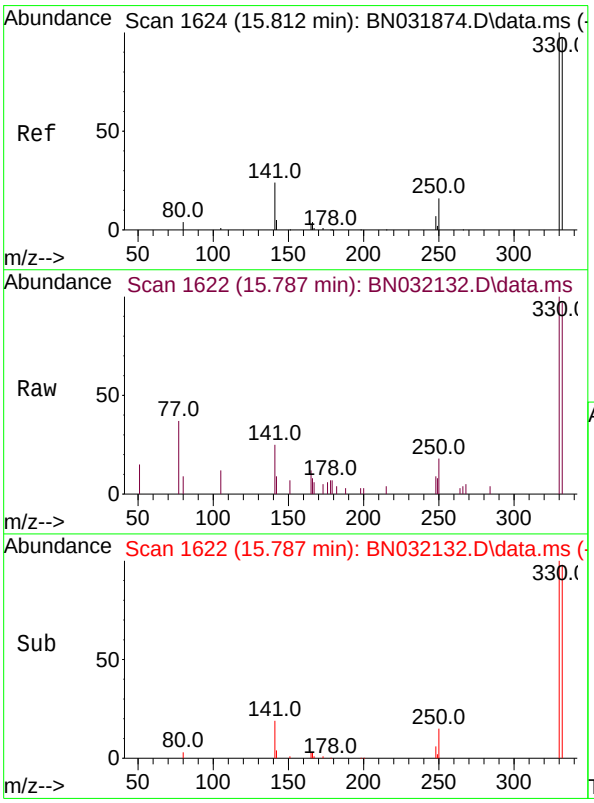
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:164 Resp: 21915

Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.7	121.1
160	48.7	36.2	54.4

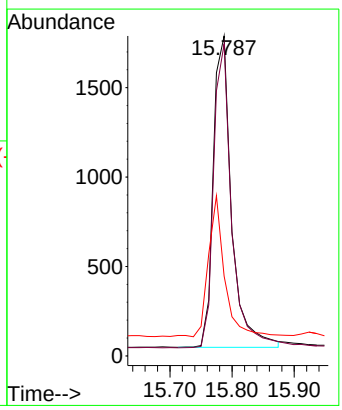


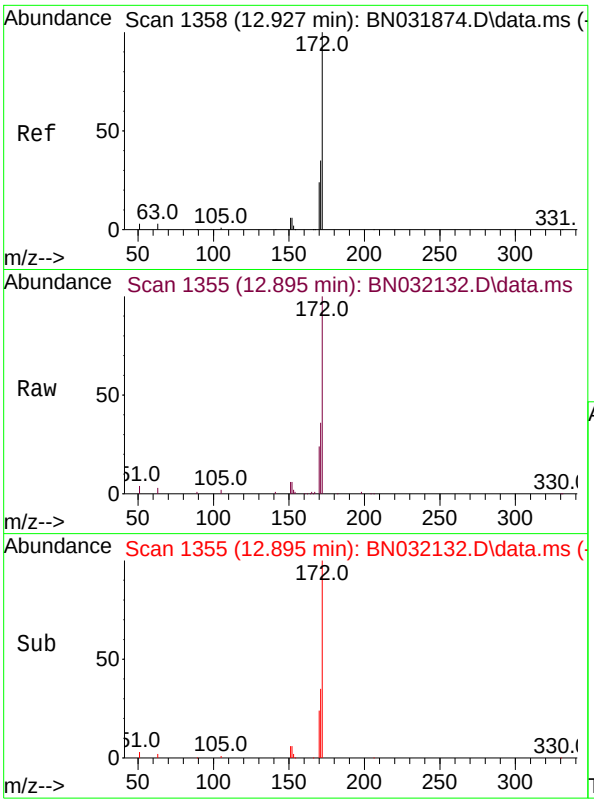


#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:330 Resp: 3563

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	39.8	34.7	52.1



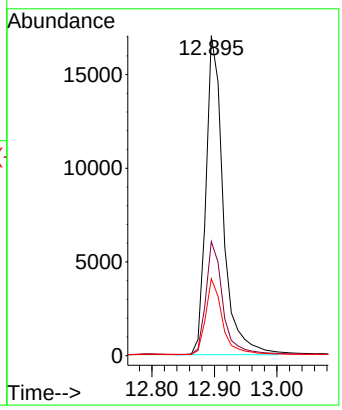


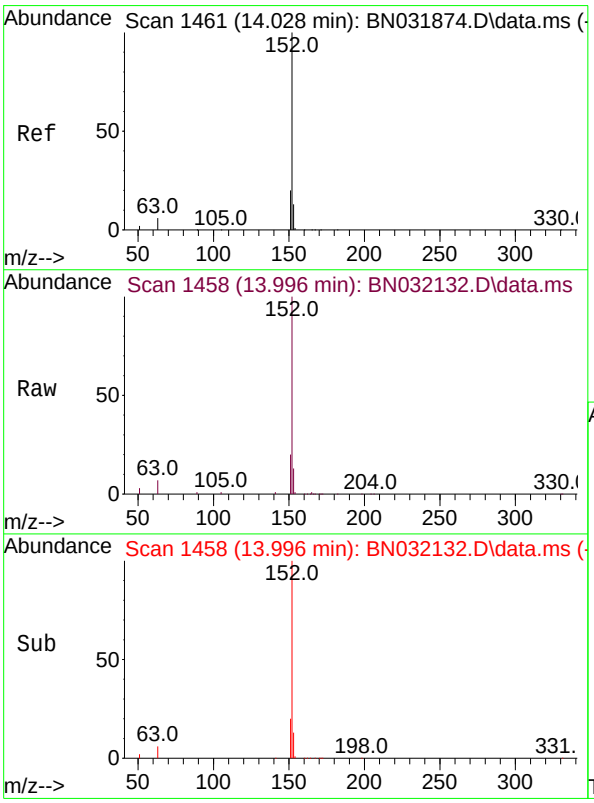
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:172 Resp: 32594

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.1	19.2	28.8

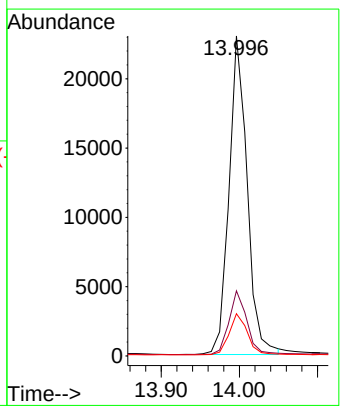


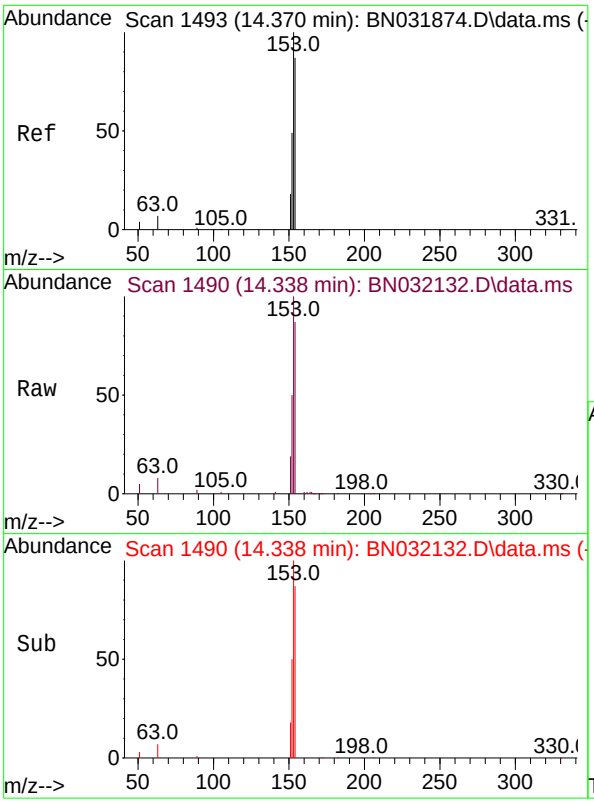


#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.996 min Scan# 1458
Delta R.T. -0.011 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:152 Resp: 37136

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



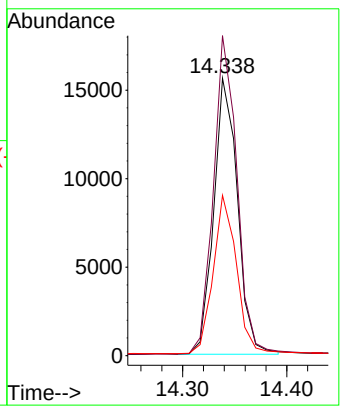


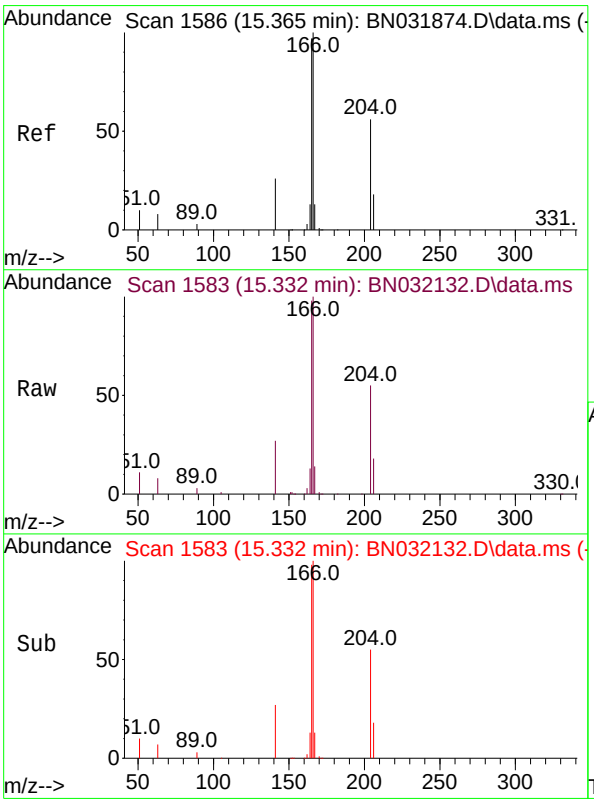
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.338 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:154 Resp: 24709

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.8	136.2
152	56.1	44.3	66.5

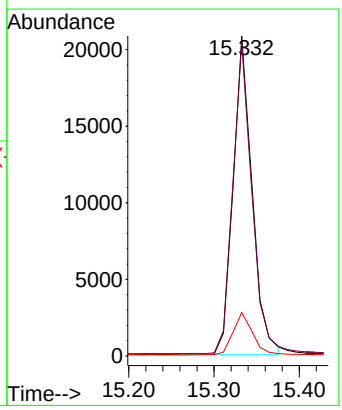


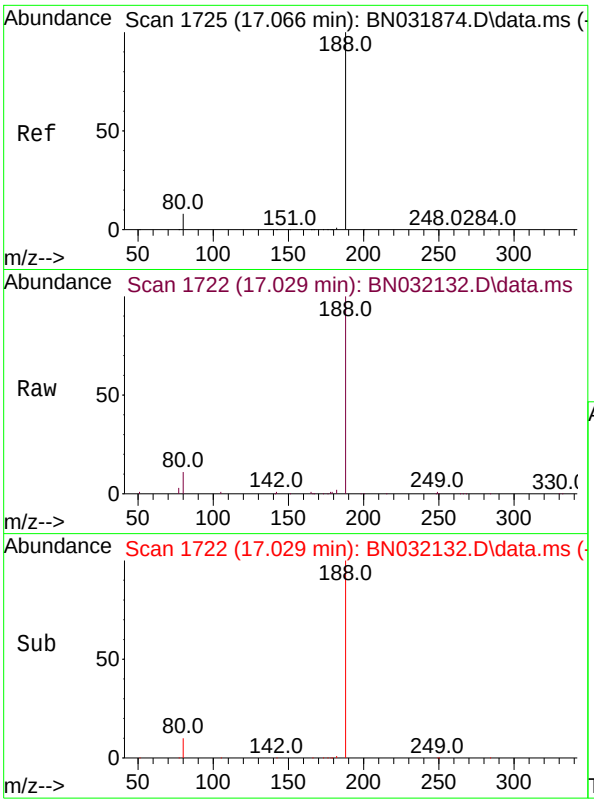


#18
Fluorene
Concen: 0.370 ng
RT: 15.332 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:166 Resp: 32115

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.5	10.7	16.1





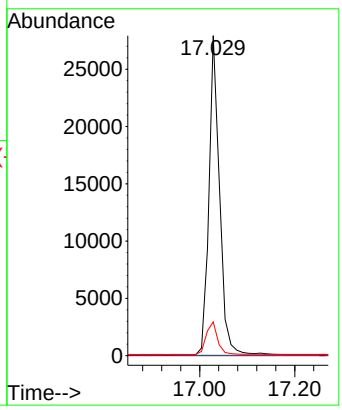
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1

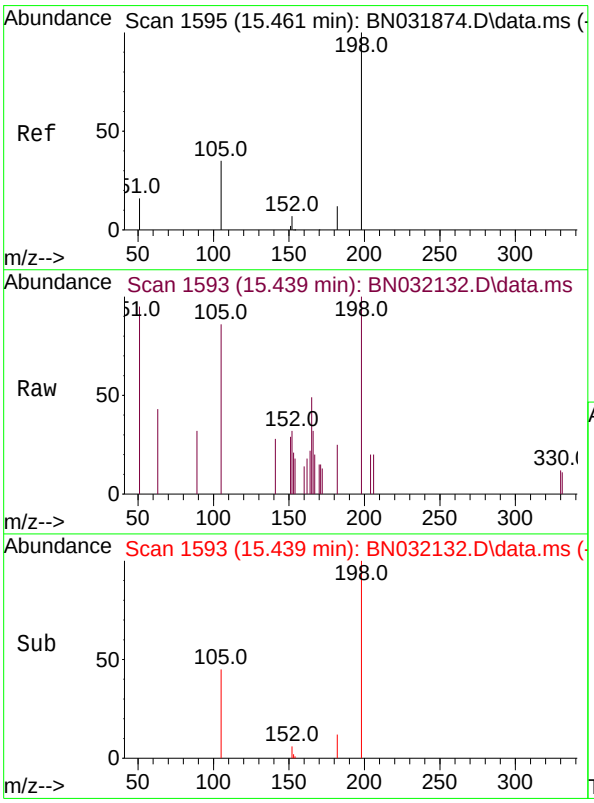
Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:188 Resp: 43502

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.4	9.6#

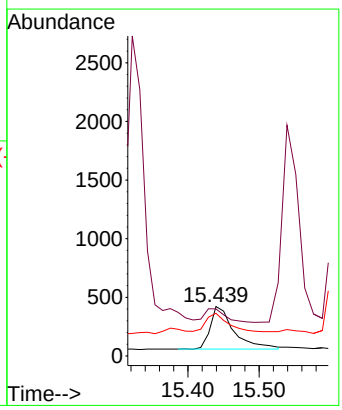


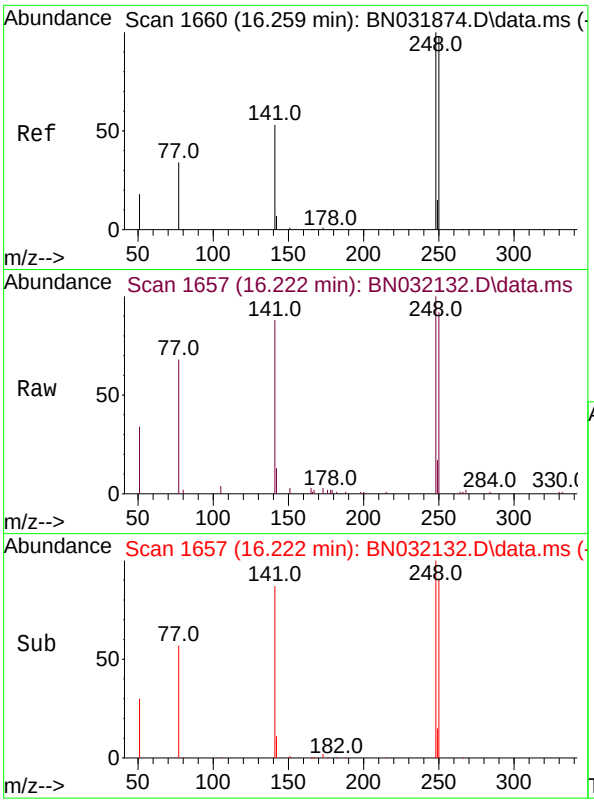


#20
4,6-Dinitro-2-methylphenol
Concen: 0.268 ng
RT: 15.439 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:198 Resp: 855

Ion	Ratio	Lower	Upper
198	100		
51	95.0	42.7	64.1#
105	86.3	41.8	62.8#



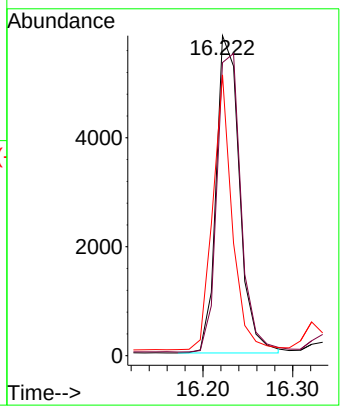


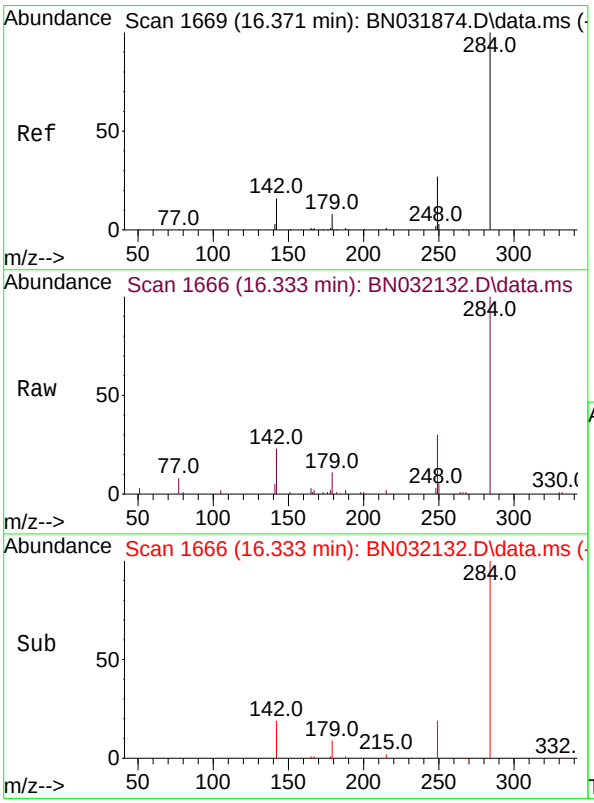
#21
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.222 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:248 Resp: 10527

Ion	Ratio	Lower	Upper
248	100		
250	91.6	78.5	117.7
141	87.8	43.1	64.7#

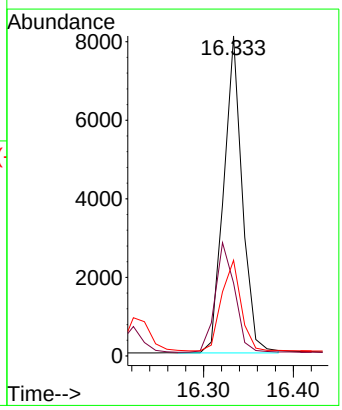


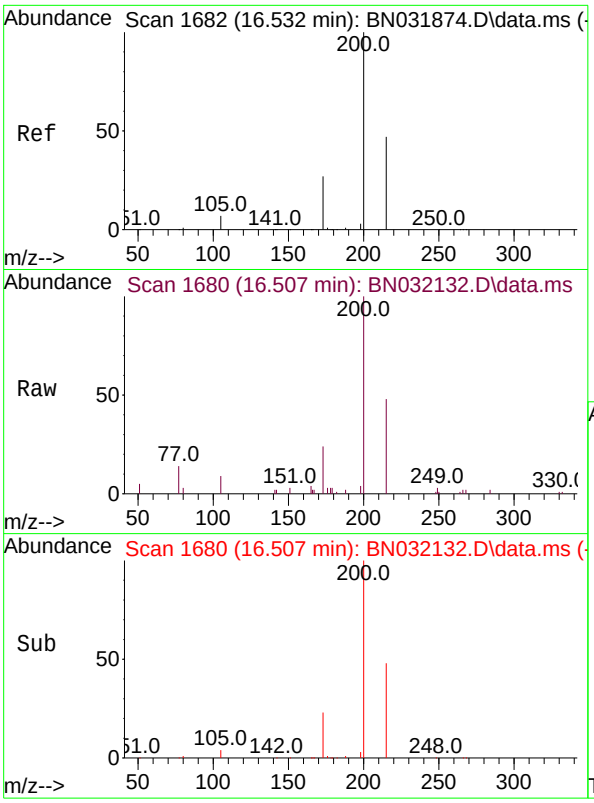


#22
Hexachlorobenzene
Concen: 0.453 ng
RT: 16.333 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:284 Resp: 11598

Ion	Ratio	Lower	Upper
284	100		
142	36.2	30.7	46.1
249	30.2	25.0	37.4



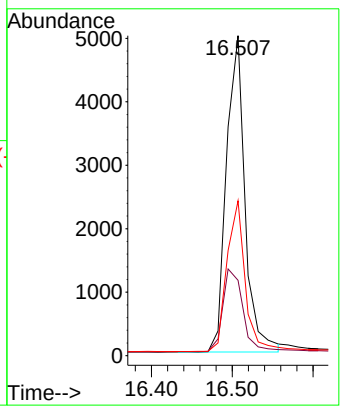


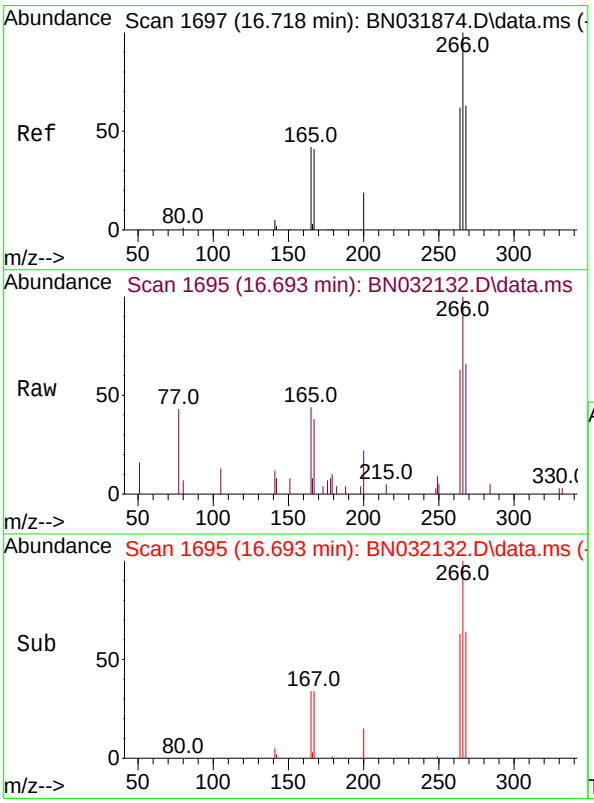
#23
Atrazine
Concen: 0.353 ng
RT: 16.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:200 Resp: 7972

Ion	Ratio	Lower	Upper
200	100		
173	23.5	22.0	33.0
215	48.4	37.9	56.9

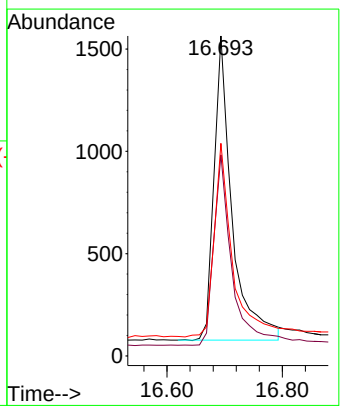


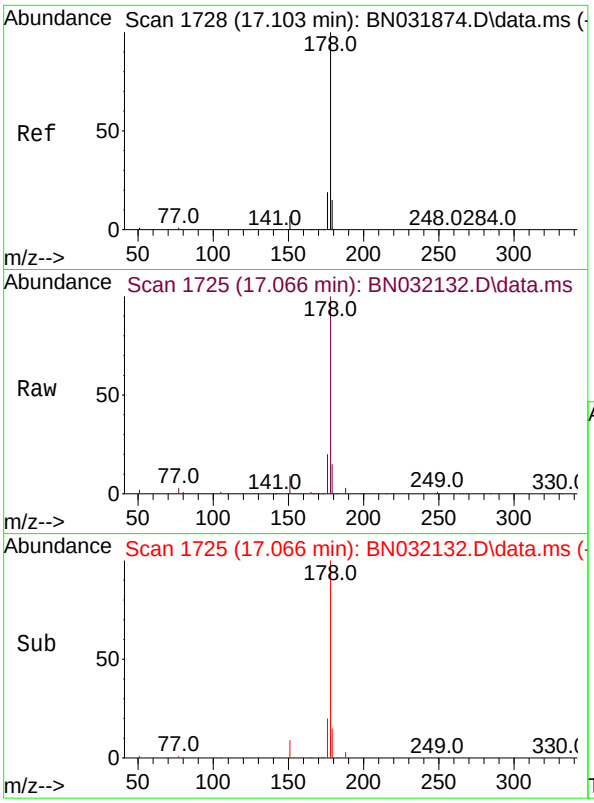


#24
Pentachlorophenol
Concen: 0.369 ng
RT: 16.693 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:266 Resp: 3235

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.0	75.0
268	63.8	51.0	76.6



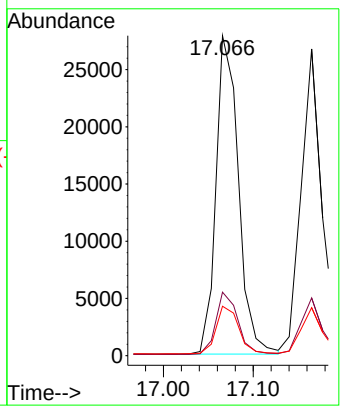


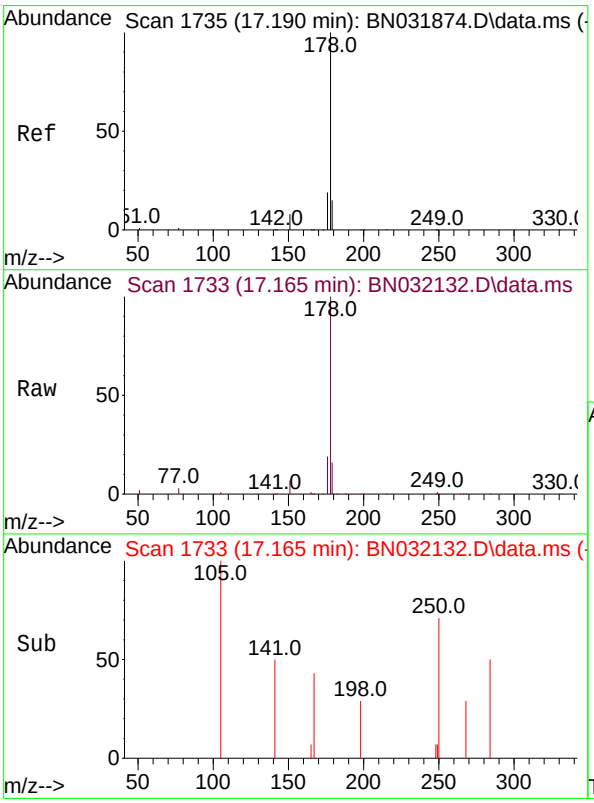
#25
Phenanthrene
Concen: 0.401 ng
RT: 17.066 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:178 Resp: 48413

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.2	18.2

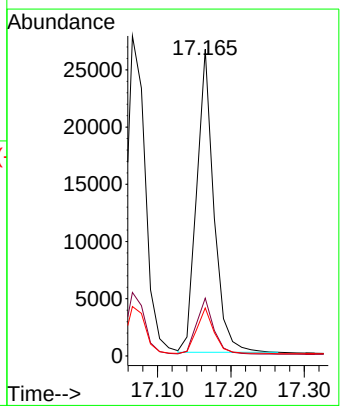


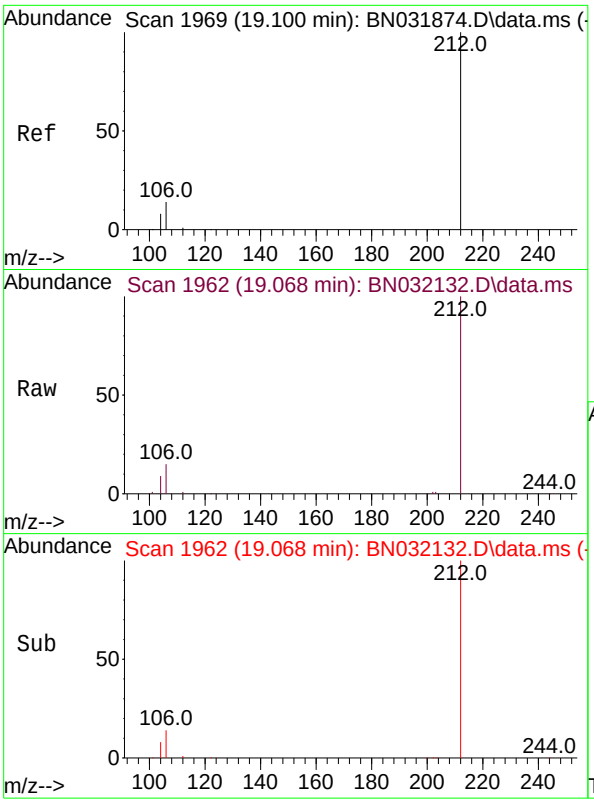


#26
Anthracene
Concen: 0.383 ng
RT: 17.165 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:178 Resp: 42916

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.2



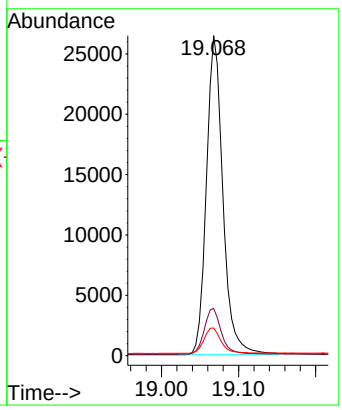


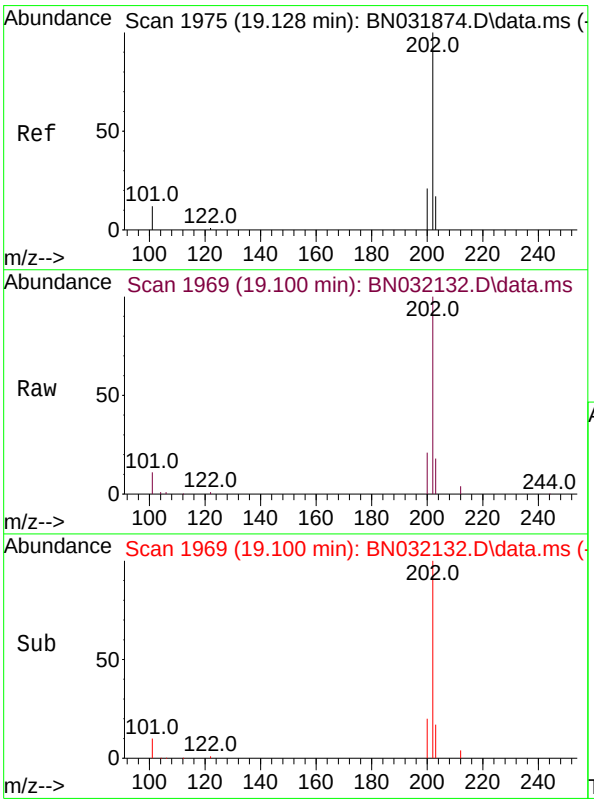
#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:212 Resp: 39303

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.8	17.8
104	8.3	6.6	10.0

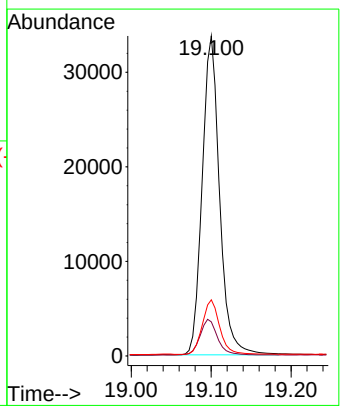


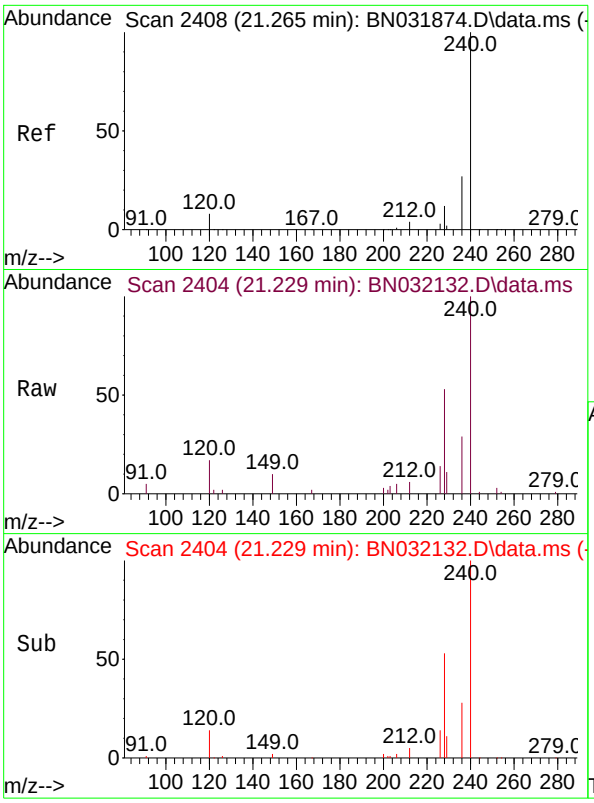


#28
Fluoranthene
Concen: 0.348 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:202 Resp: 50930

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
203	17.0	13.7	20.5



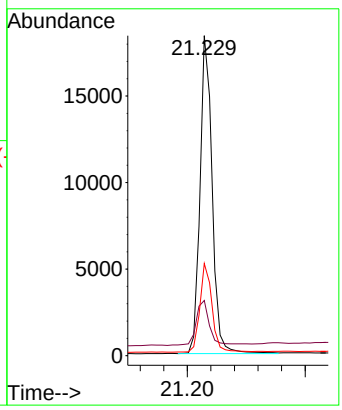


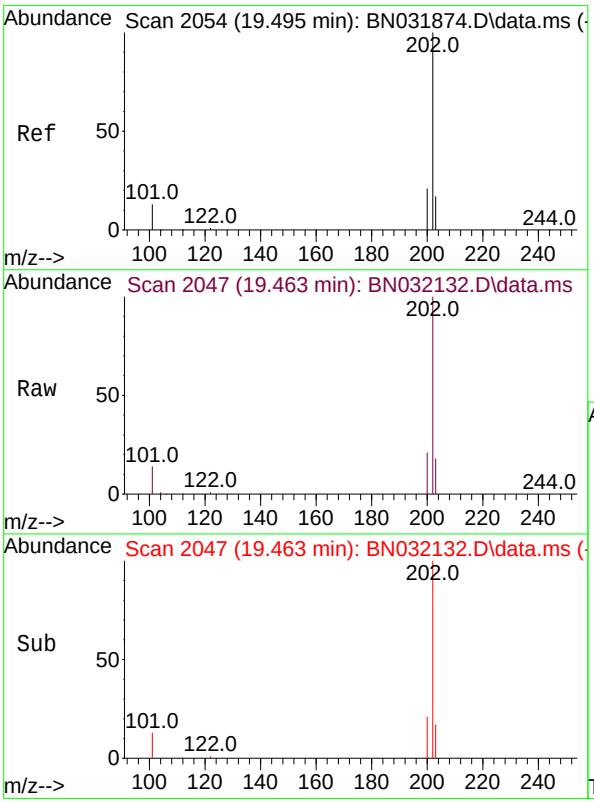
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:240 Resp: 26308

Ion	Ratio	Lower	Upper
240	100		
120	17.3	8.2	12.4#
236	28.8	21.8	32.8

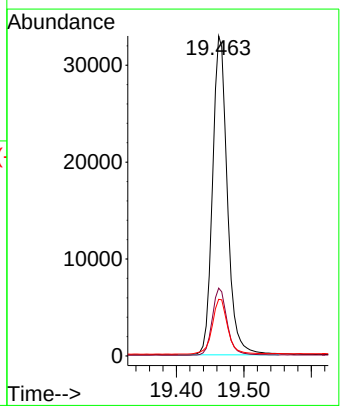


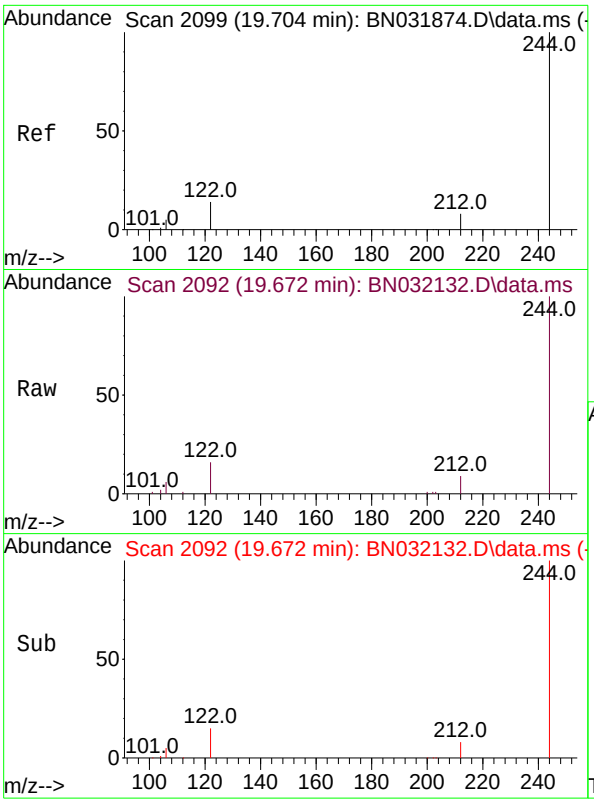


#30
Pyrene
Concen: 0.480 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:202 Resp: 50207

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.1	14.3	21.5



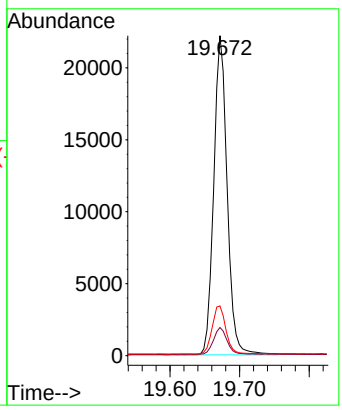


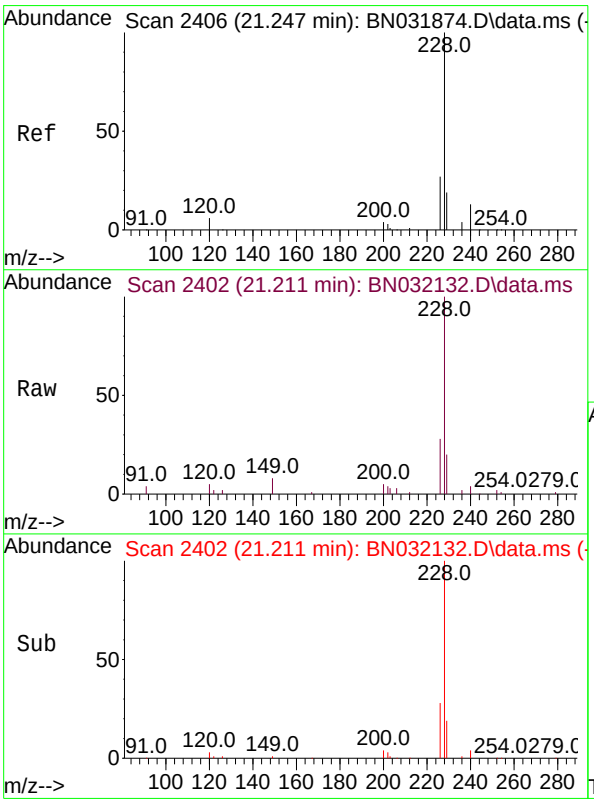
#31
Terphenyl-d14
Concen: 0.462 ng
RT: 19.672 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:244 Resp: 29728

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	15.6	11.4	17.0

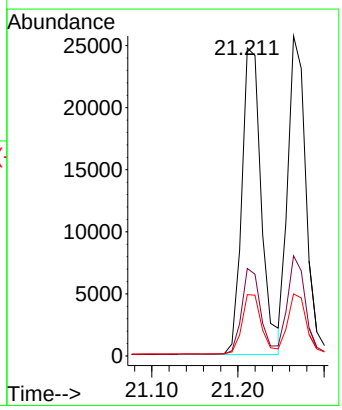


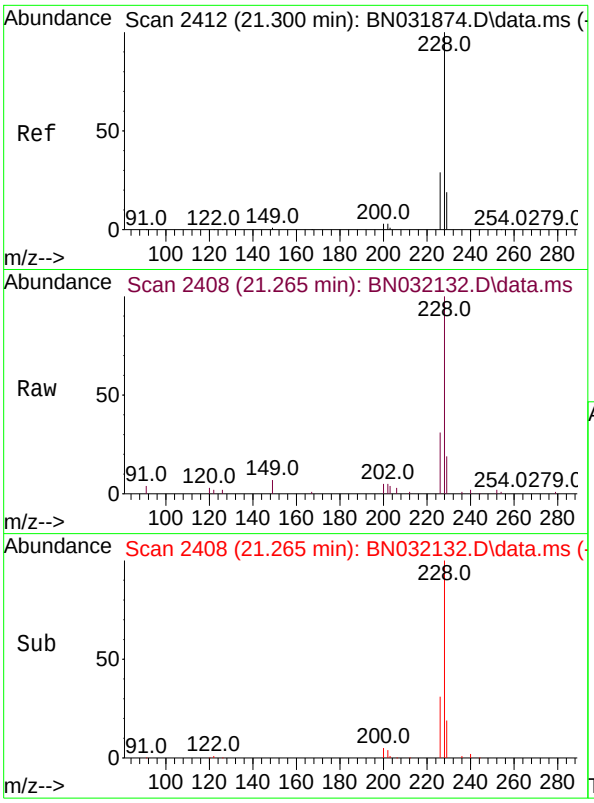


#32
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:228 Resp: 38896

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.6
229	19.9	15.8	23.8



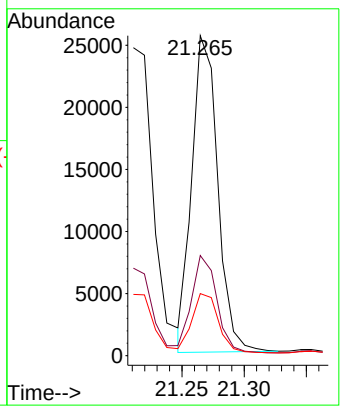


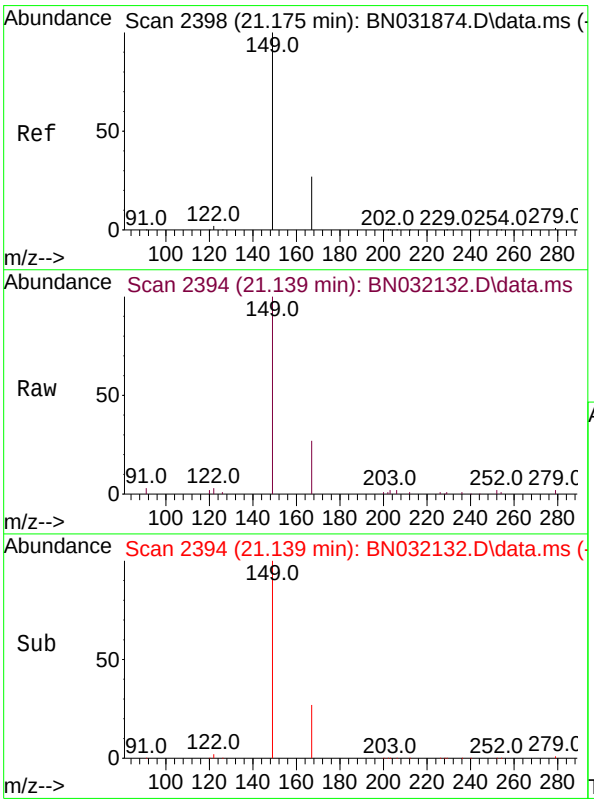
#33
Chrysene
Concen: 0.394 ng
RT: 21.265 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:228 Resp: 36920

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.6	35.4
229	19.4	15.8	23.6

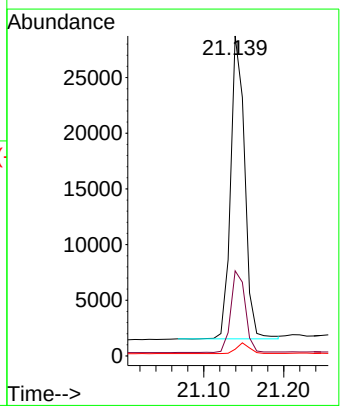


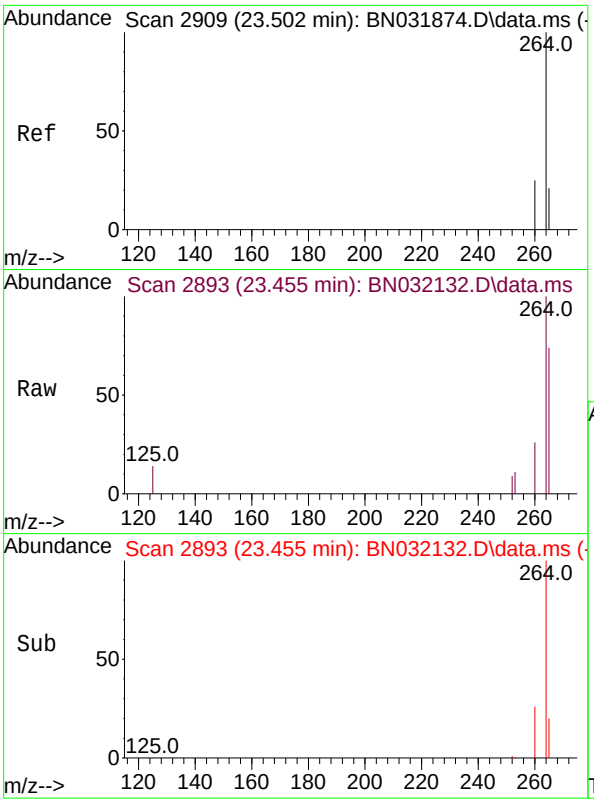


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.492 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:149 Resp: 33254

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.4	2.9	4.3



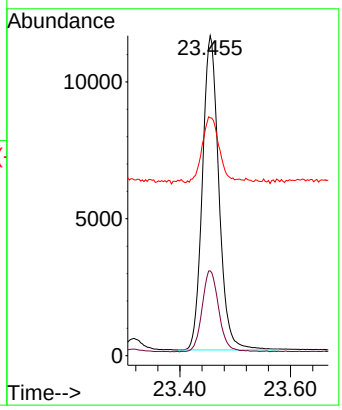


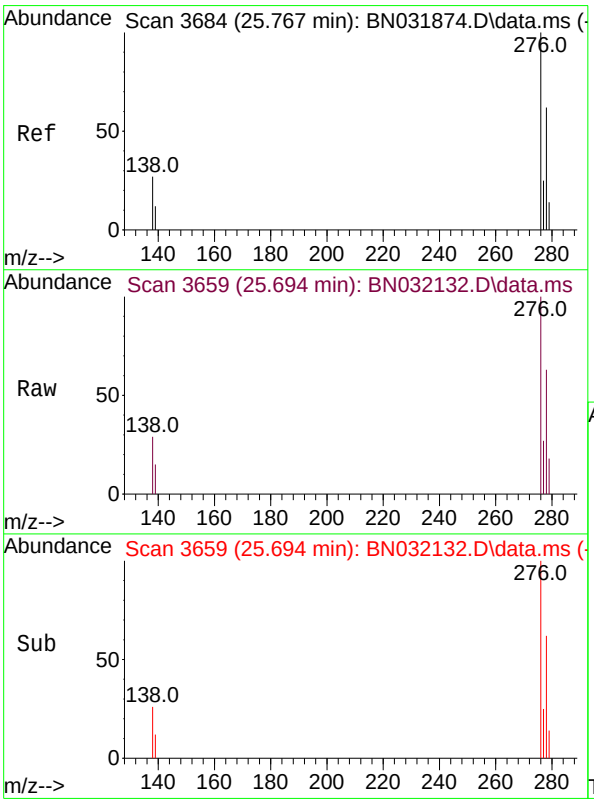
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.455 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:264 Resp: 23696

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	74.4	39.6	59.4#

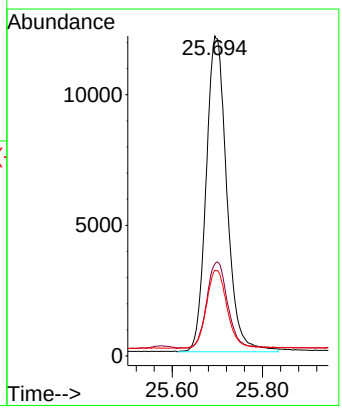


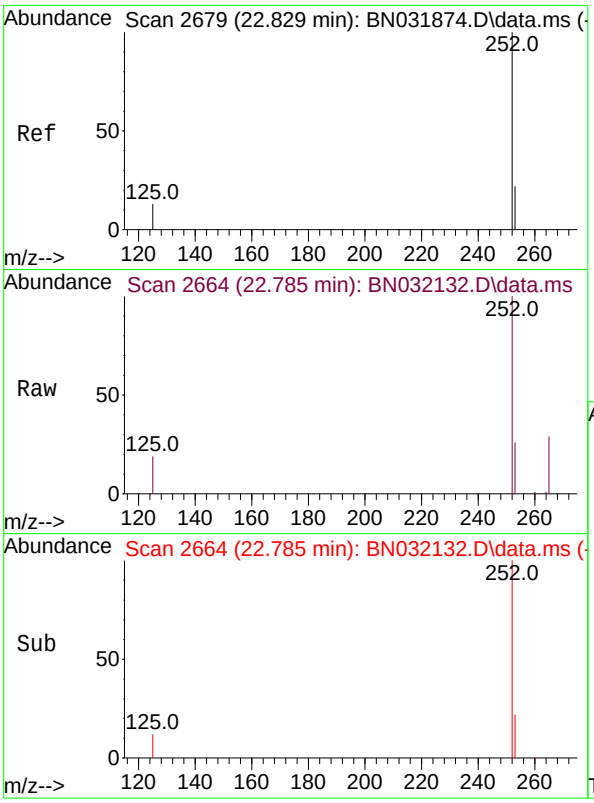


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 25.694 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:276 Resp: 38414

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.5	32.3
277	24.8	19.8	29.8



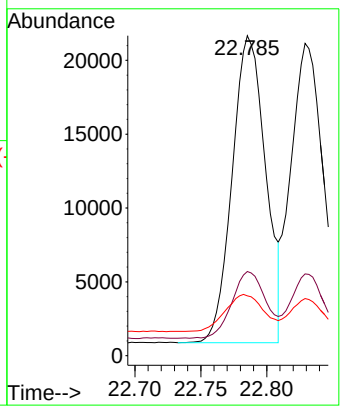


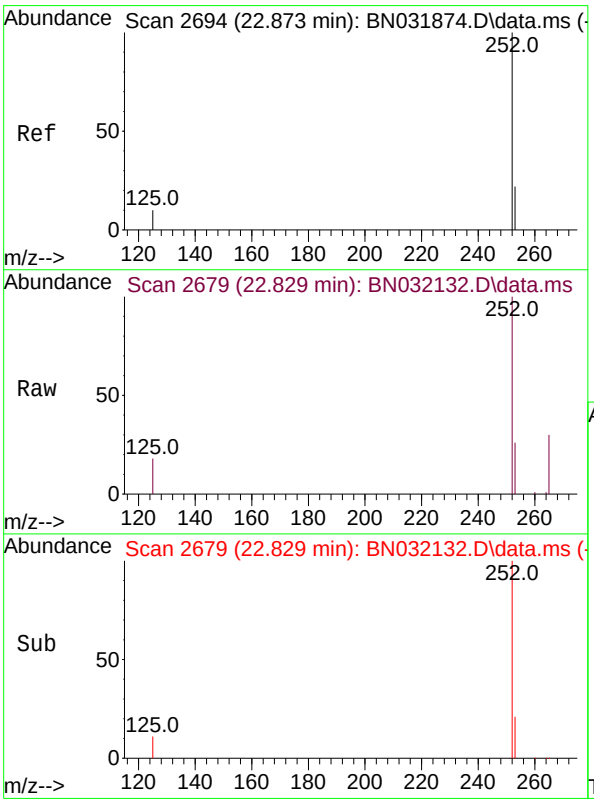
#37
Benzo(b)fluoranthene
Concen: 0.425 ng
RT: 22.785 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:252 Resp: 36694

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.2	30.2
125	18.7	14.2	21.4

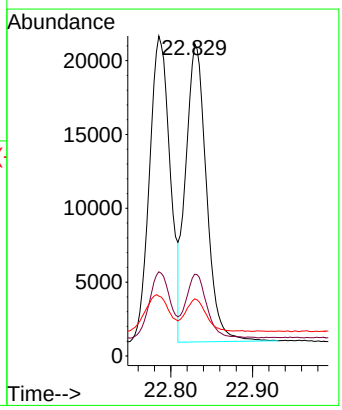


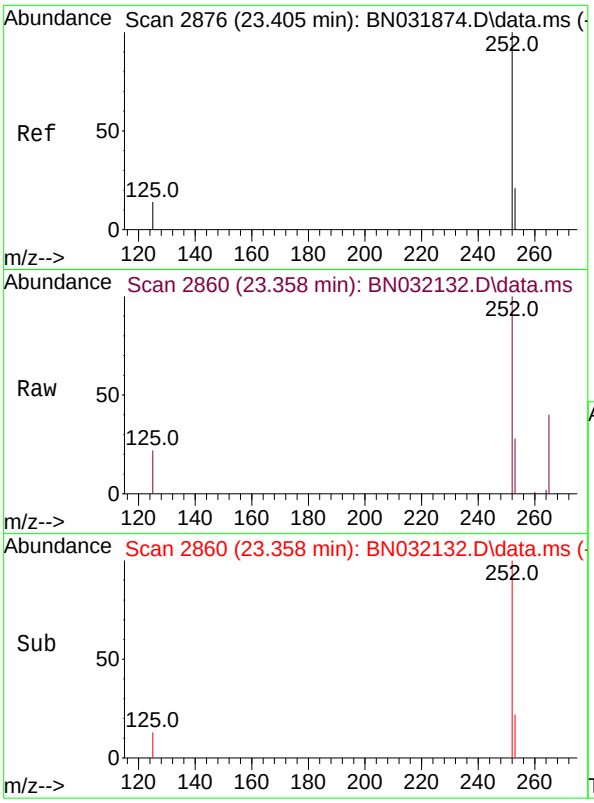


#38
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 22.829 min Scan# 2679
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:252 Resp: 35662

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.9	29.9
125	18.3	13.0	19.4



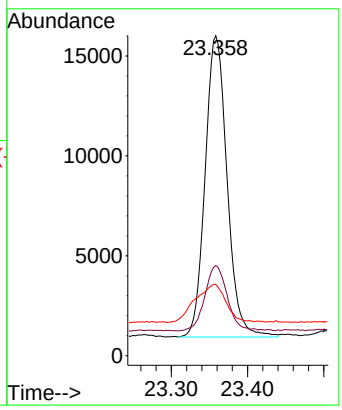


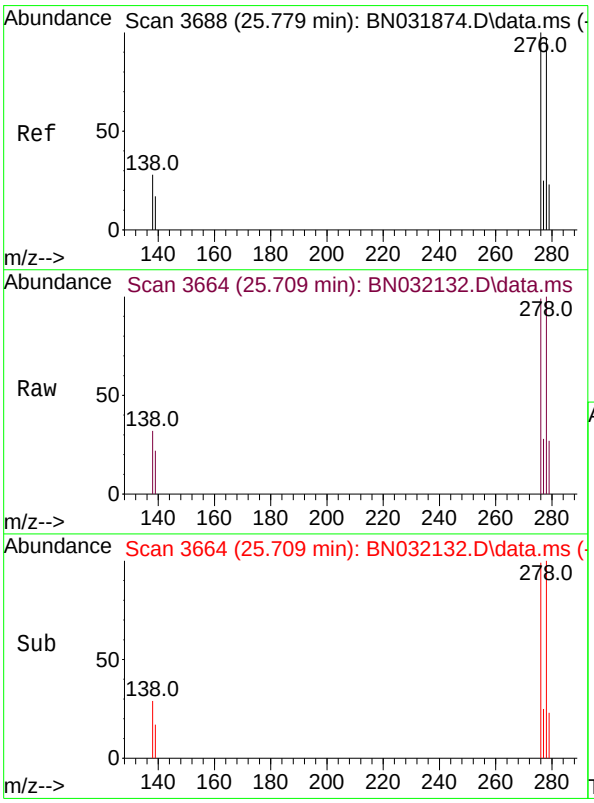
#39
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.358 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:252 Resp: 30105

Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.5	30.7
125	22.2	16.4	24.6

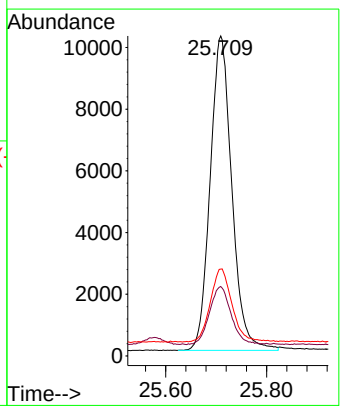


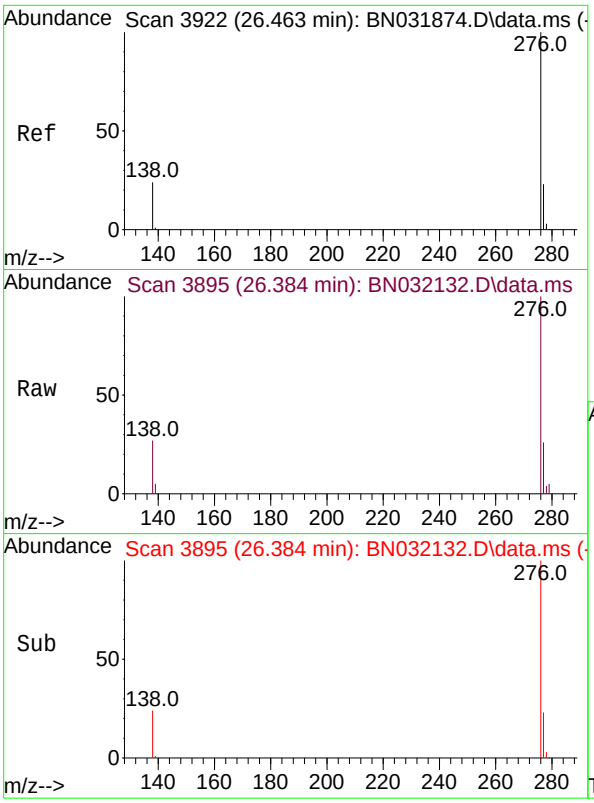


#40
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 25.709 min Scan# 3664
Delta R.T. 0.003 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Tgt Ion:278 Resp: 30433

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.0	25.4
279	27.1	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.429 ng
RT: 26.384 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN032132.D
Acq: 21 Jun 2024 15:33

Instrument :
BNA_N
ClientSampleId :
PB161619BSD

Tgt Ion:276 Resp: 32100

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.2	30.2
138	26.5	20.6	31.0