Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029317.D
Acq On : 19 Jan 2024 23:07
Operator : MA/JU
Sample : PB158516BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Quant Time: Jan 19 23:44:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3493	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	9654	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5361	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	13134	0.400	ng	0.00
29) Chrysene-d12	21.528	240	10715	0.400	ng	# 0.00
35) Perylene-d12	23.935	264	10280	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.514	112	3274	0.378	ng	0.00
5) Phenol-d6	7.103	99	4347	0.378	ng	0.00
8) Nitrobenzene-d5	9.099	82	2621	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	4749	0.288	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	713	0.434	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	7560	0.303	ng	0.00
27) Fluoranthene-d10	19.359	212	10507	0.264	ng	0.00
31) Terphenyl-d14	19.968	244	8491	0.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	1339	0.314	ng	# 56
3) n-Nitrosodimethylamine	3.745	42	1205	0.284	ng	# 96
6) bis(2-Chloroethyl)ether	7.378	93	3180	0.295	ng	100
9) Naphthalene	10.786	128	8249	0.274	ng	99
10) Hexachlorobutadiene	11.064	225	1727	0.265	ng	# 100
12) 2-Methylnaphthalene	12.405	142	5239	0.259	ng	98
16) Acenaphthylene	14.297	152	7996	0.293	ng	100
17) Acenaphthene	14.639	154	5047	0.273	ng	99
18) Fluorene	15.617	166	6916	0.273	ng	99
20) 4,6-Dinitro-2-methylph...	15.704	198	426	0.328	ng	# 84
21) 4-Bromophenyl-phenylether	16.523	248	2323	0.332	ng	98
22) Hexachlorobenzene	16.622	284	3009	0.263	ng	99
23) Atrazine	16.796	200	1683	0.261	ng	96
24) Pentachlorophenol	16.970	266	1335	0.378	ng	95
25) Phenanthrene	17.367	178	11989	0.273	ng	99
26) Anthracene	17.454	178	10167	0.265	ng	100
28) Fluoranthene	19.392	202	13209	0.246	ng	99
30) Pyrene	19.754	202	13202	0.292	ng	100
32) Benzo(a)anthracene	21.510	228	11412	0.276	ng	99
33) Chrysene	21.564	228	12204	0.276	ng	98
34) Bis(2-ethylhexyl)phtha...	21.456	149	4979	0.267	ng	100
36) Indeno(1,2,3-cd)pyrene	26.431	276	12310	0.268	ng	99
37) Benzo(b)fluoranthene	23.201	252	11929	0.275	ng	96
38) Benzo(k)fluoranthene	23.250	252	11245	0.267	ng	97
39) Benzo(a)pyrene	23.826	252	9019	0.259	ng	# 95
40) Dibenzo(a,h)anthracene	26.458	278	9948	0.268	ng	95
41) Benzo(g,h,i)perylene	27.192	276	10534	0.269	ng	98

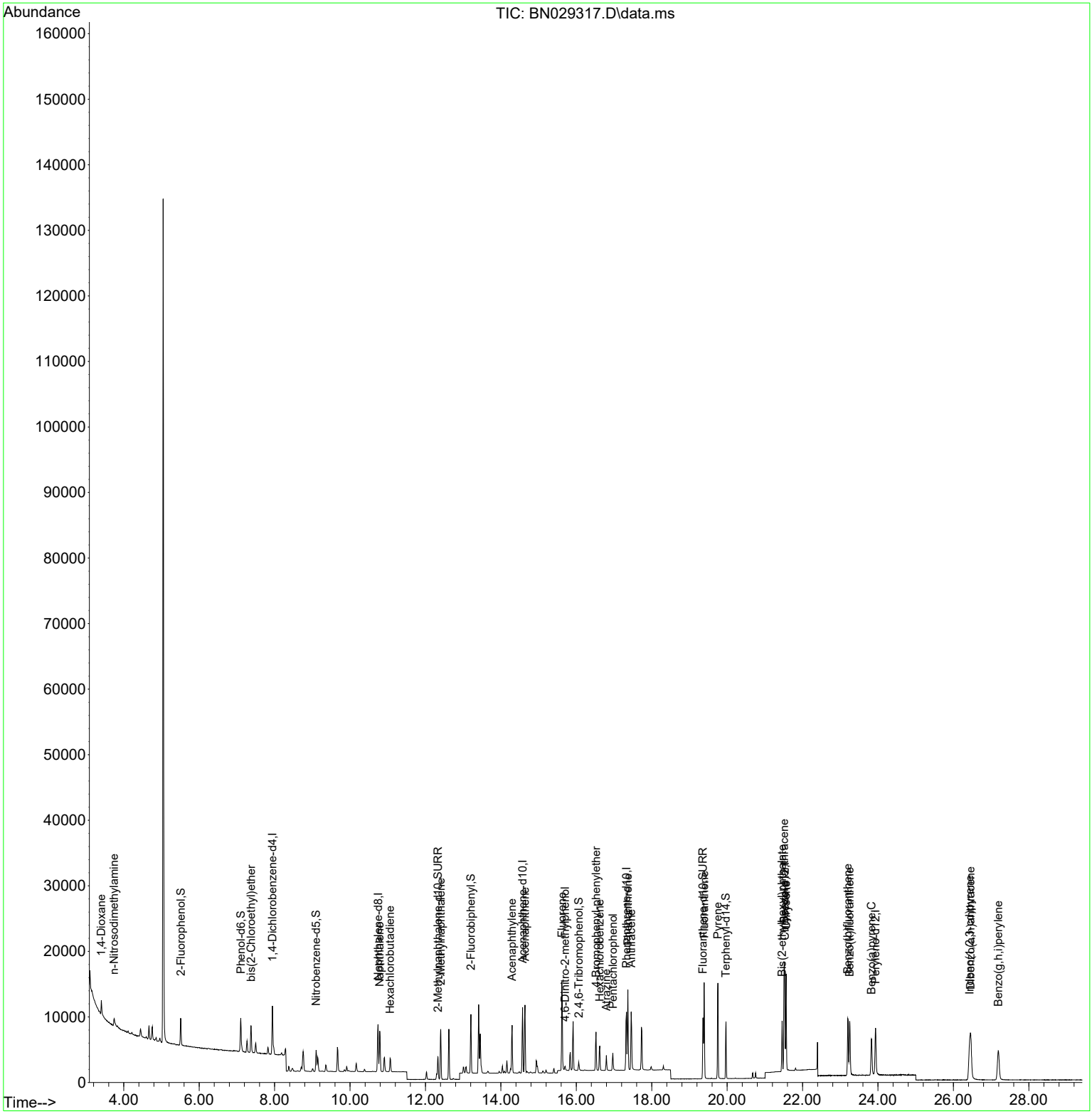
(#) = qualifier out of range (m) = manual integration (+) = signals summed

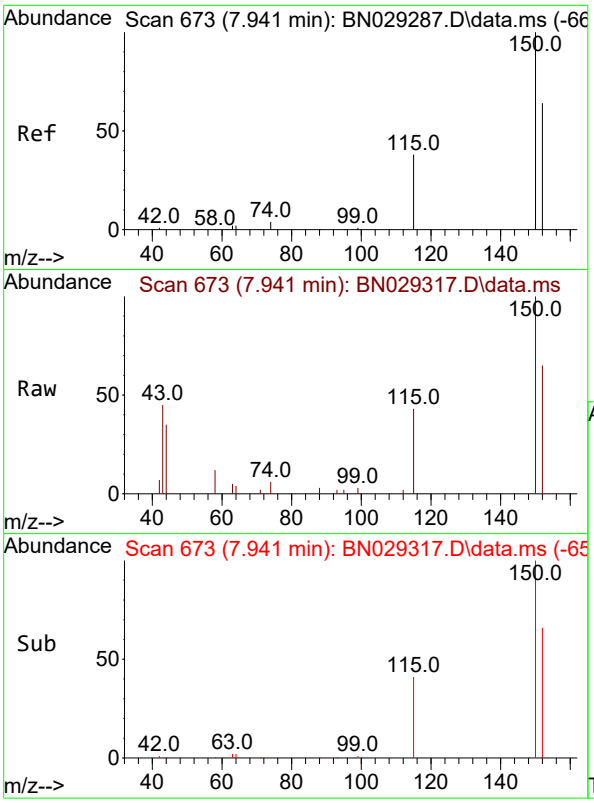
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029317.D
Acq On : 19 Jan 2024 23:07
Operator : MA/JU
Sample : PB158516BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Quant Time: Jan 19 23:44:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration



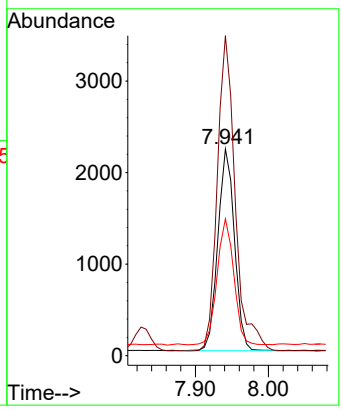


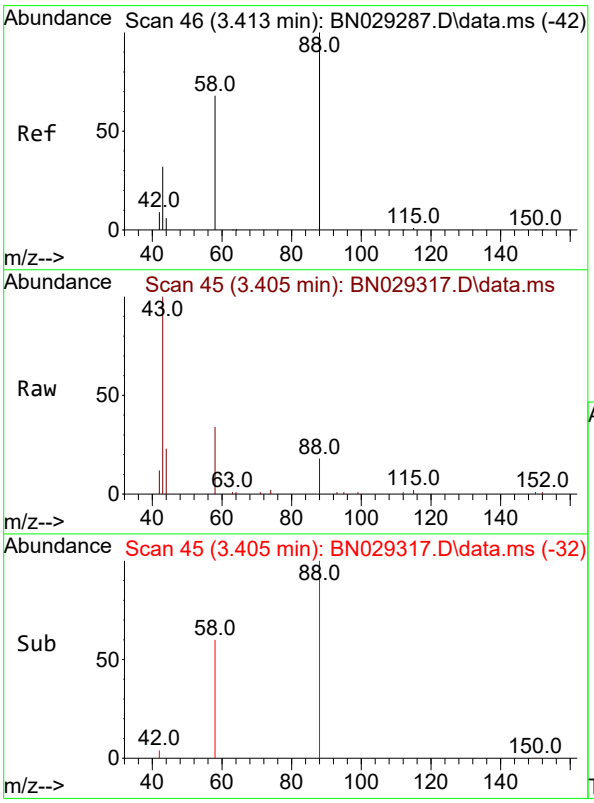
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.941 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:152 Resp: 3493

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	66.1	50.6	76.0

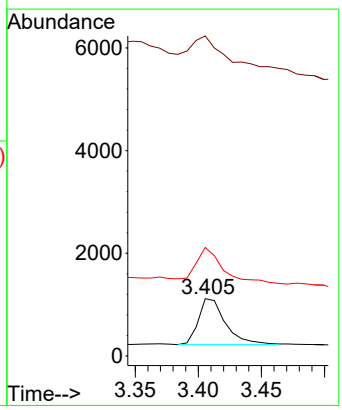


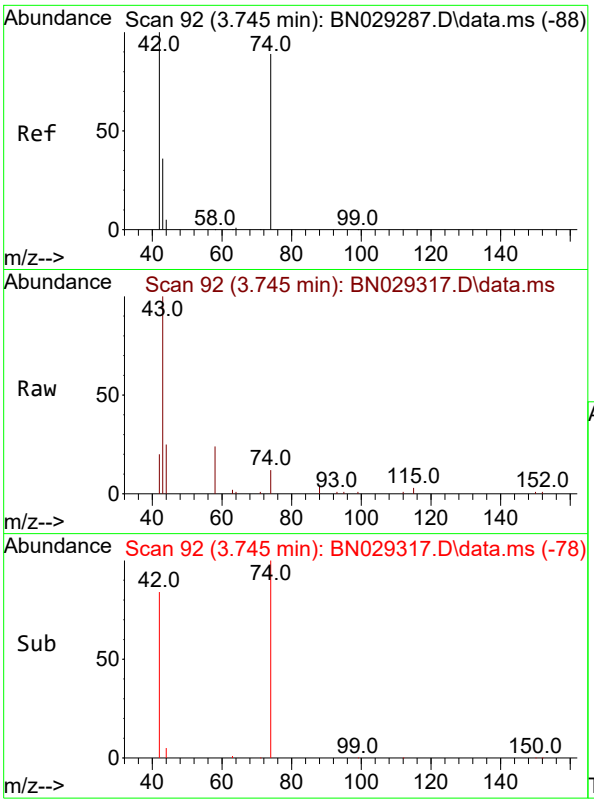


#2
1,4-Dioxane
Concen: 0.314 ng
RT: 3.405 min Scan# 45
Delta R.T. -0.007 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion: 88 Resp: 1339

Ion	Ratio	Lower	Upper
88	100		
43	91.3	26.2	39.2#
58	81.9	55.3	82.9



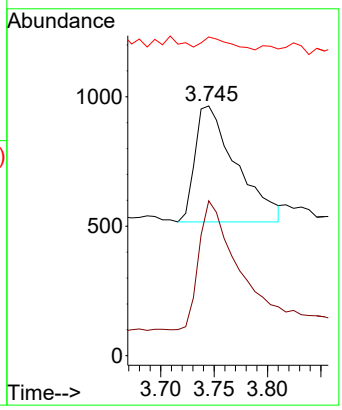


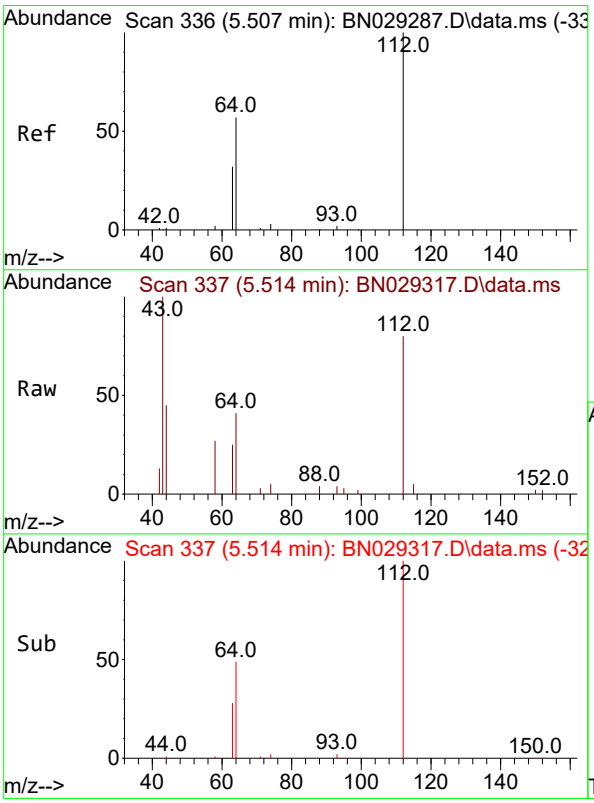
#3
n-Nitrosodimethylamine
Concen: 0.284 ng
RT: 3.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion: 42 Resp: 1205

Ion	Ratio	Lower	Upper
42	100		
74	110.6	85.4	128.2
44	7.0	2.8	4.2#

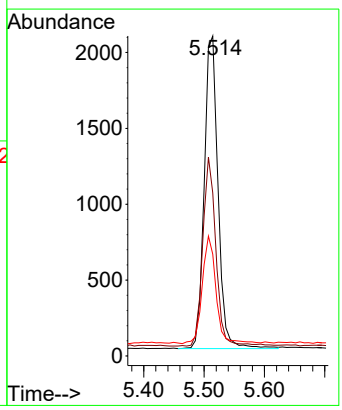


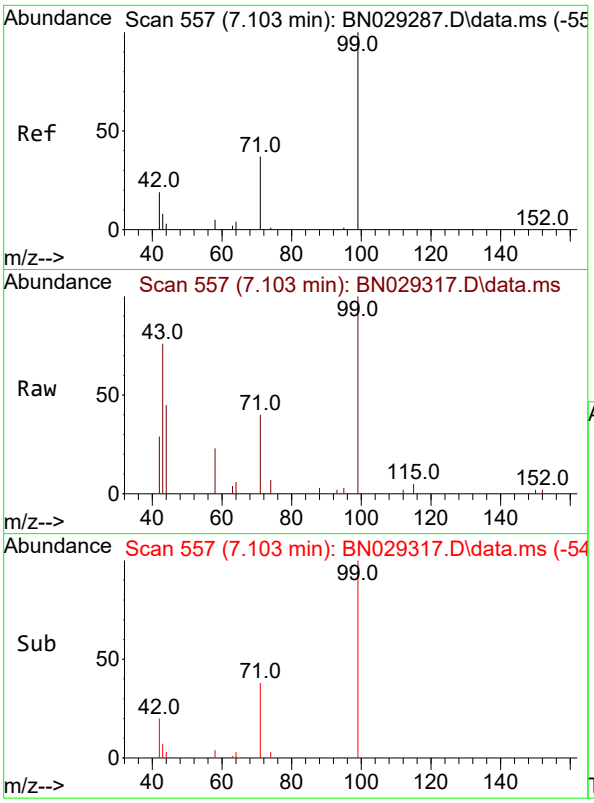


#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.514 min Scan# 337
Delta R.T. 0.007 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:112 Resp: 3274

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.7	68.5
63	34.2	26.6	39.8



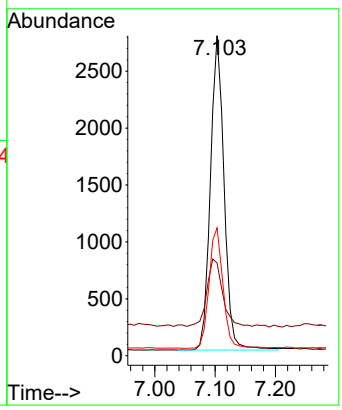


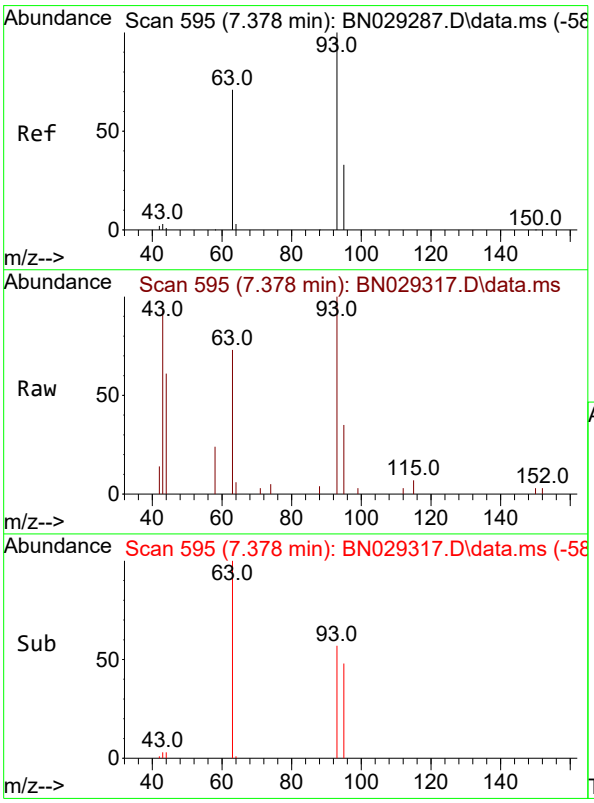
#5
Phenol-d6
Concen: 0.378 ng
RT: 7.103 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion: 99 Resp: 4347

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.1	28.7
71	38.9	31.2	46.8

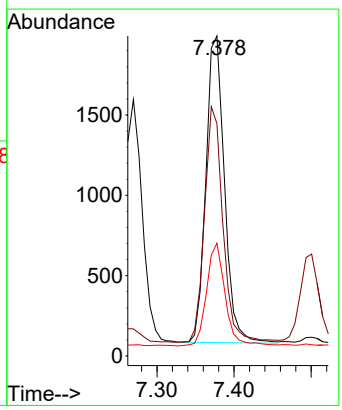


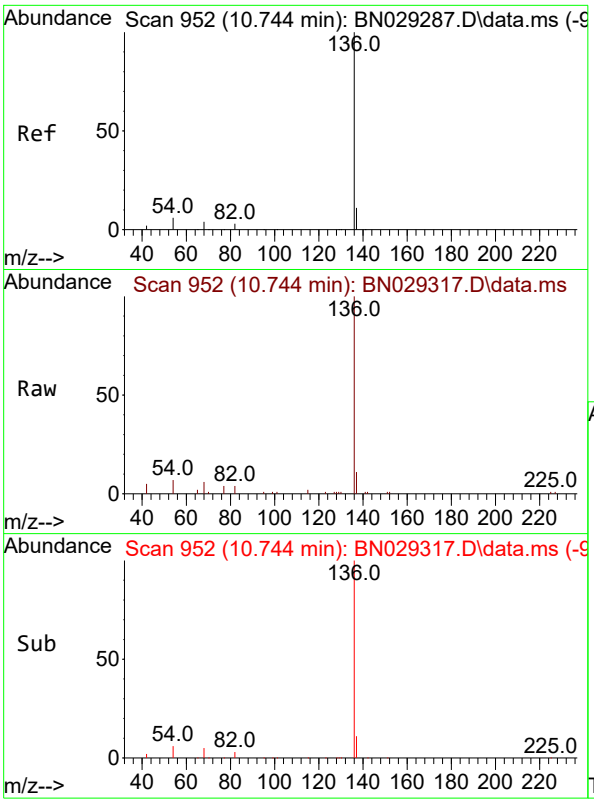


#6
bis(2-Chloroethyl)ether
Concen: 0.295 ng
RT: 7.378 min Scan# 595
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion: 93 Resp: 3180

Ion	Ratio	Lower	Upper
93	100		
63	76.4	61.3	91.9
95	33.5	26.3	39.5



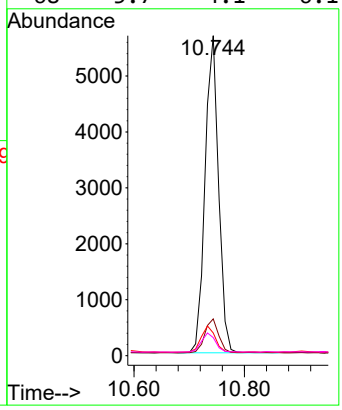


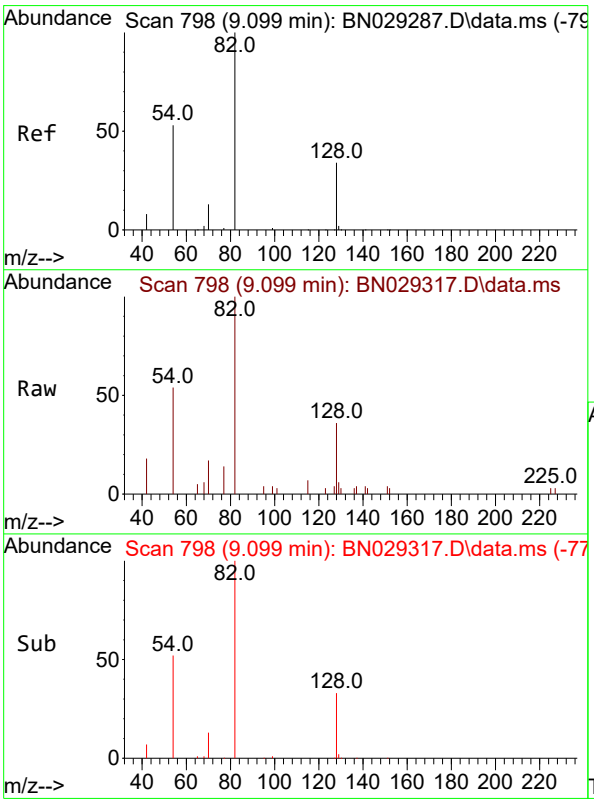
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.744 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:136 Resp: 9654

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.1	5.2	7.8
68	5.7	4.1	6.1

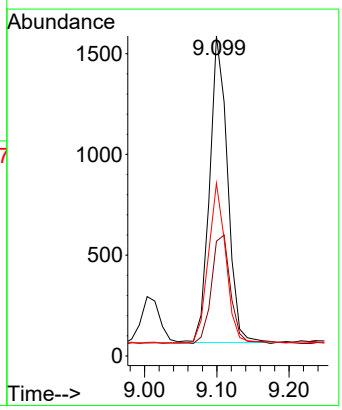


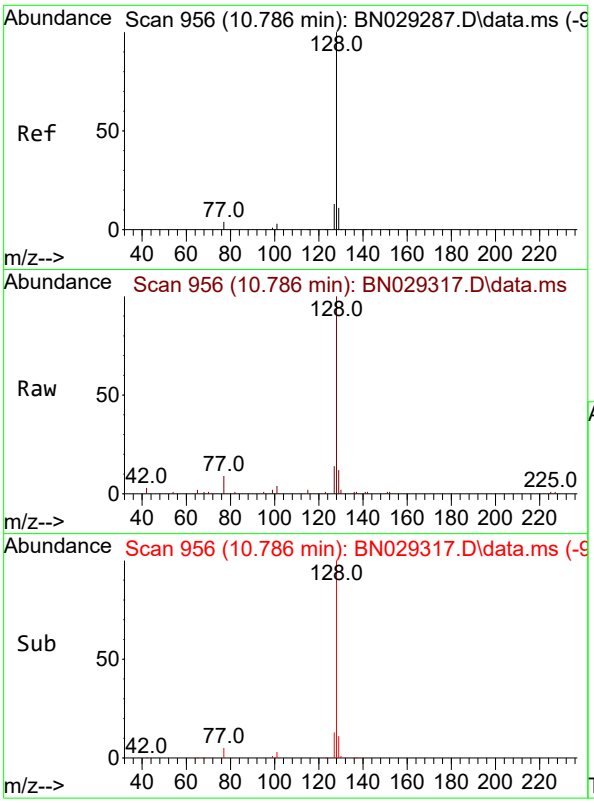


#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 9.099 min Scan# 798
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion: 82 Resp: 2621

Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.6	43.0
54	54.0	42.9	64.3



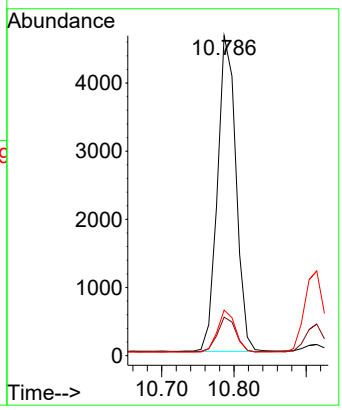


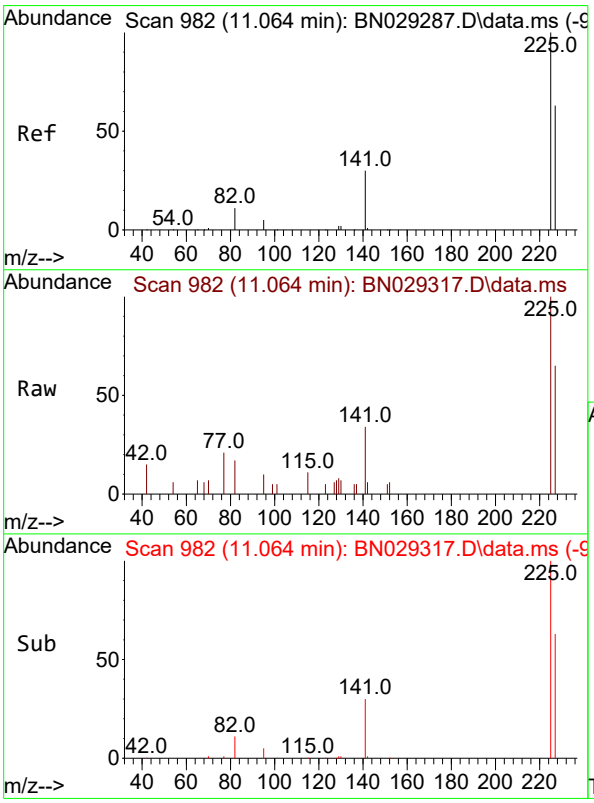
#9
Naphthalene
Concen: 0.274 ng
RT: 10.786 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:128 Resp: 8249

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.2	11.2	16.8

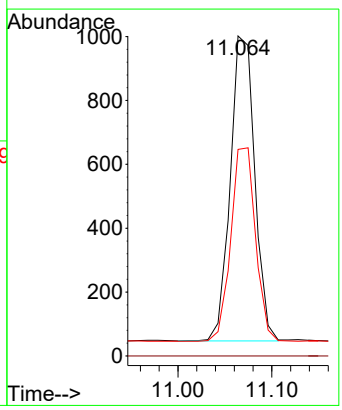


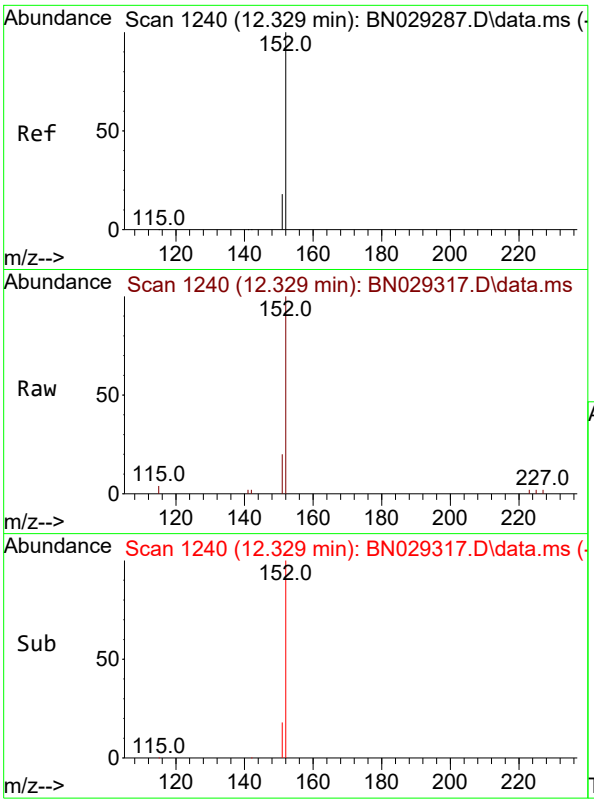


#10
Hexachlorobutadiene
Concen: 0.265 ng
RT: 11.064 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:225 Resp: 1727

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.3	76.9



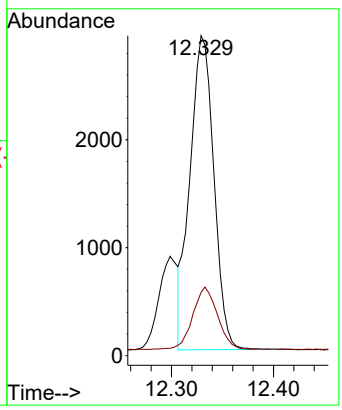


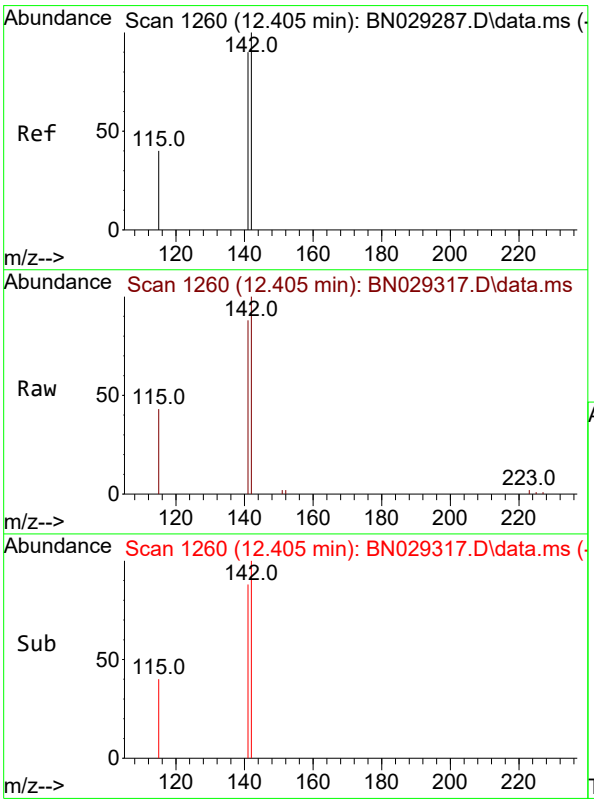
#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:152 Resp: 4749

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	24.8

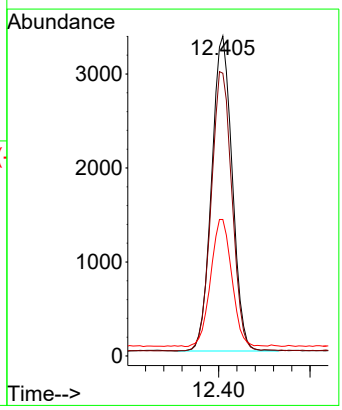


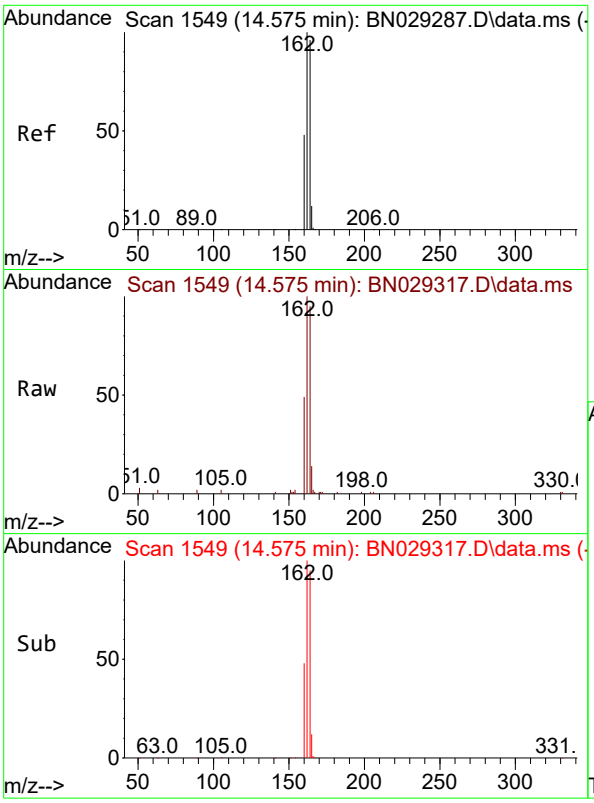


#12
2-Methylnaphthalene
Concen: 0.259 ng
RT: 12.405 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:142 Resp: 5239

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.2
115	42.7	32.9	49.3



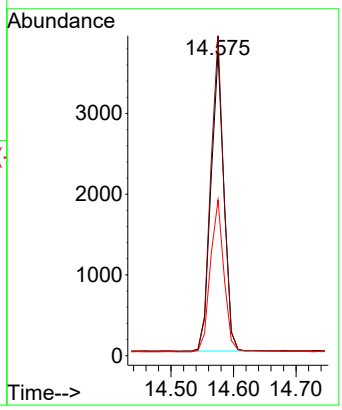


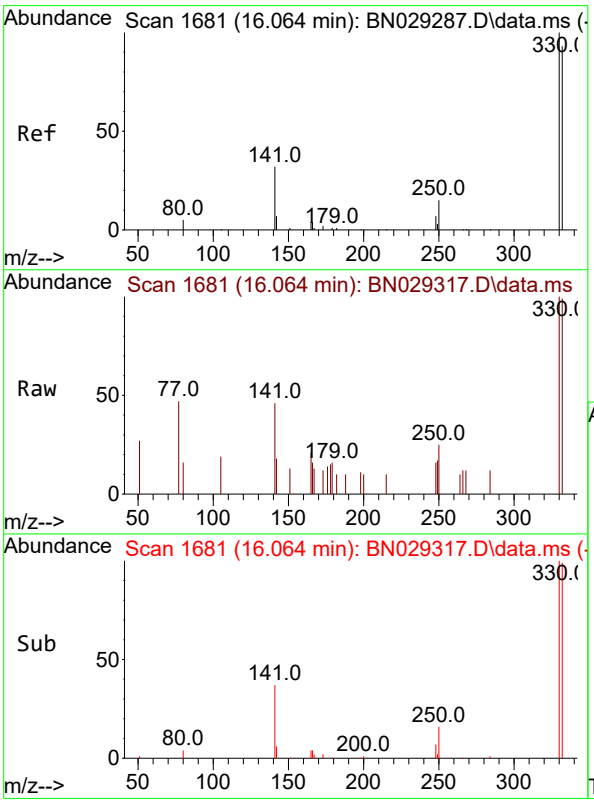
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:164 Resp: 5361

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.4	125.2
160	51.4	40.6	61.0

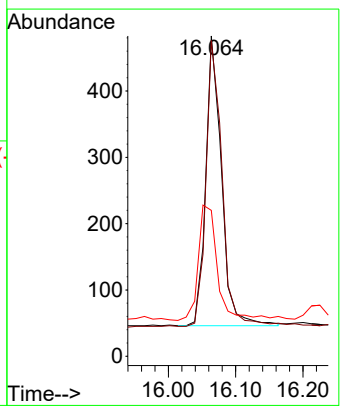


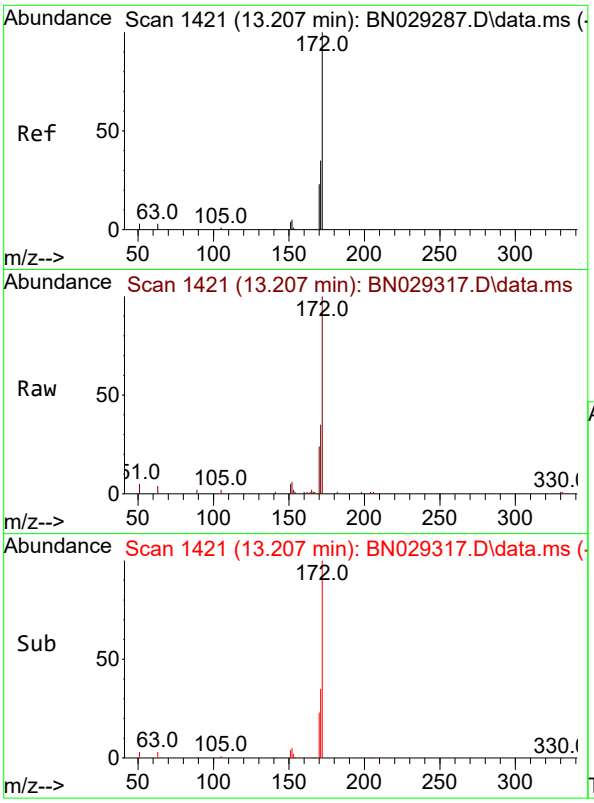


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 16.064 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:330 Resp: 713

Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.0	115.6
141	48.5	34.3	51.5



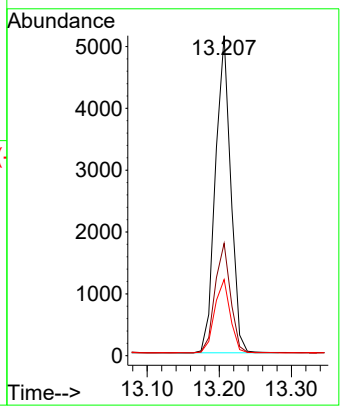


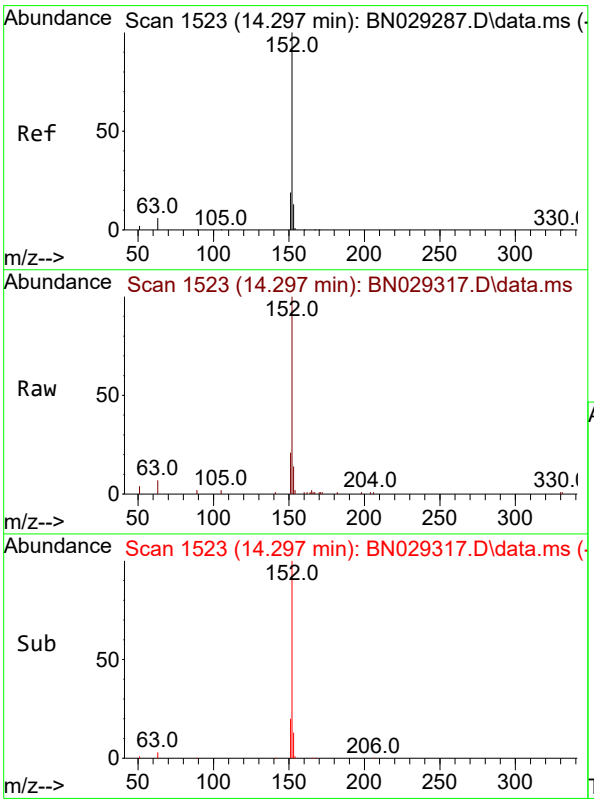
#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.207 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:172 Resp: 7560

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.8	18.7	28.1

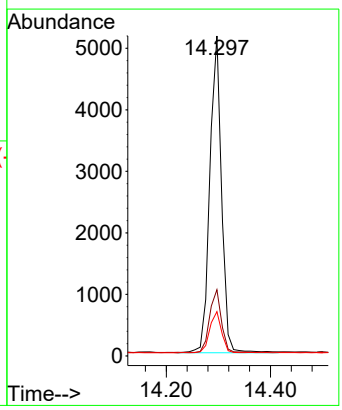


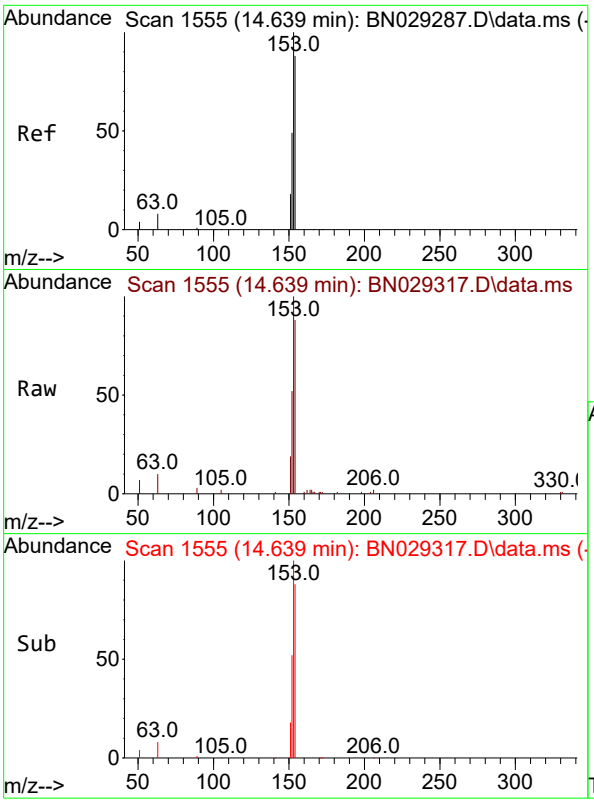


#16
Acenaphthylene
Concen: 0.293 ng
RT: 14.297 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:152 Resp: 7996

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.4	10.6	16.0



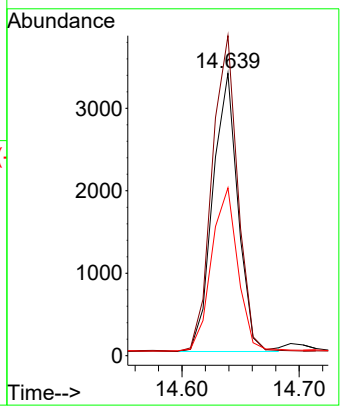


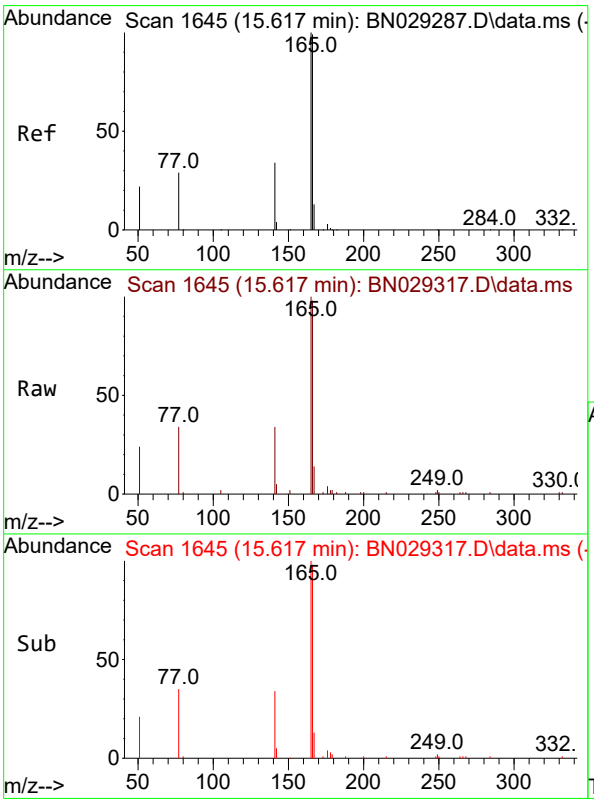
#17
Acenaphthene
Concen: 0.273 ng
RT: 14.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:154 Resp: 5047

Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.2	138.2
152	61.8	47.4	71.2

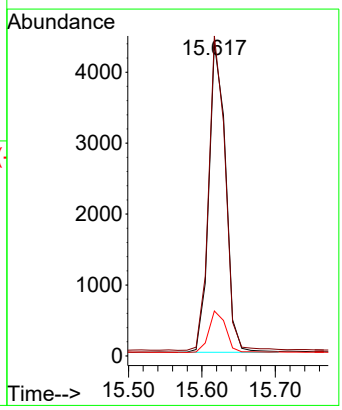


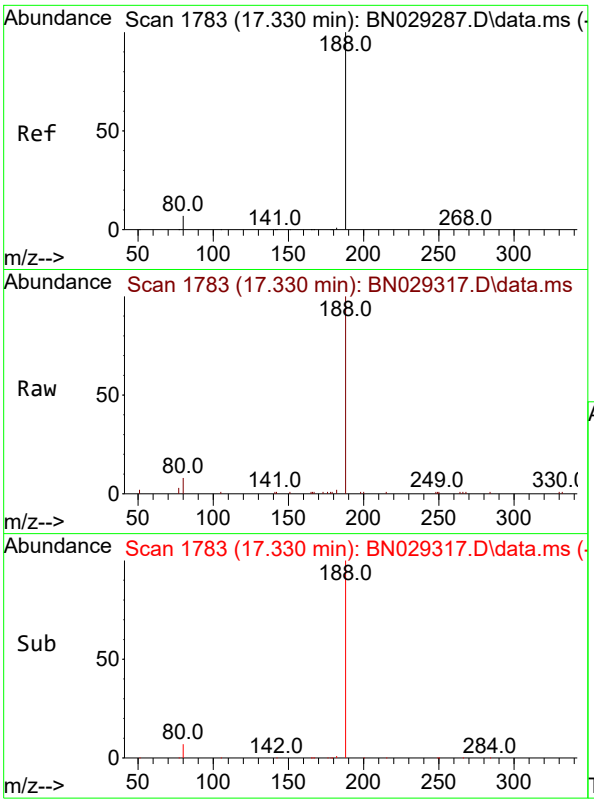


#18
Fluorene
Concen: 0.273 ng
RT: 15.617 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:166 Resp: 6916

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.3	118.9
167	13.5	10.8	16.2



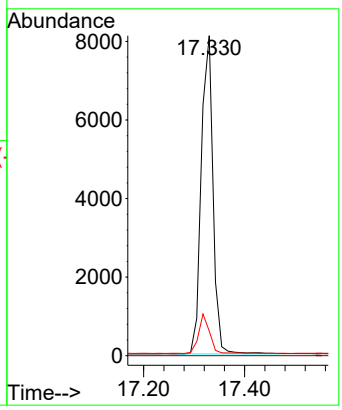


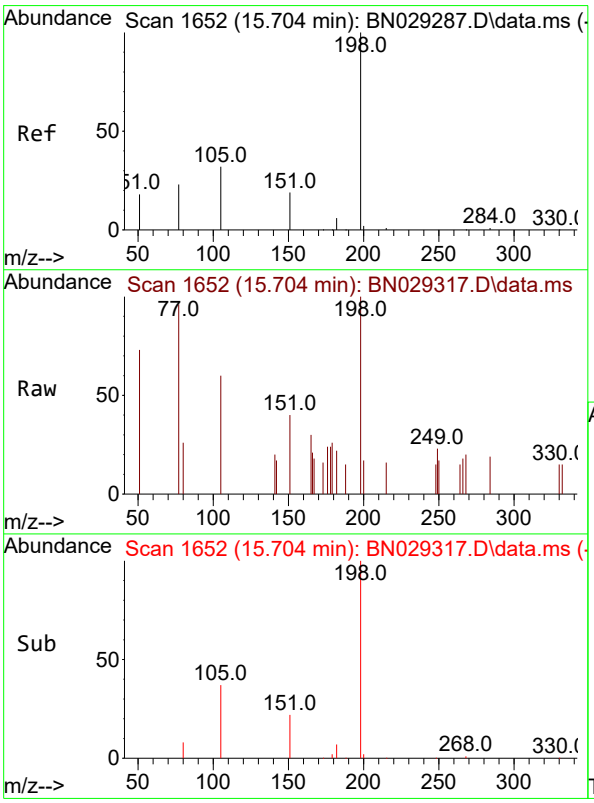
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:188 Resp: 13134

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	5.7	8.5

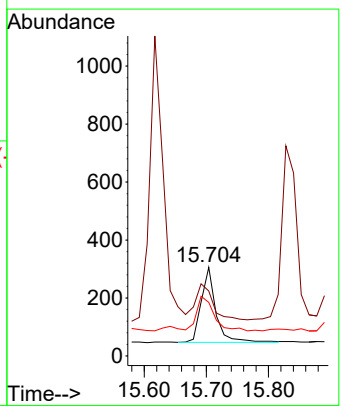


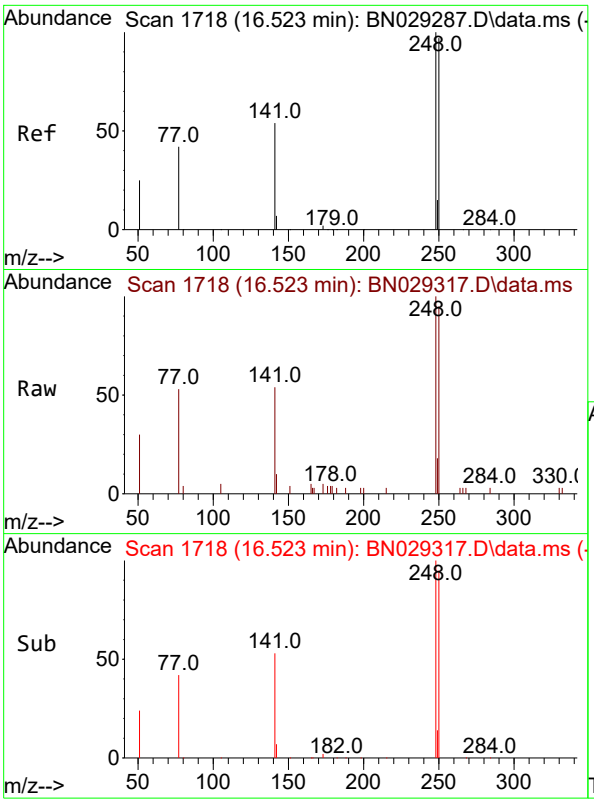


#20
4,6-Dinitro-2-methylphenol
Concen: 0.328 ng
RT: 15.704 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:198 Resp: 426

Ion	Ratio	Lower	Upper
198	100		
51	73.2	48.8	73.2#
105	60.5	39.0	58.6#



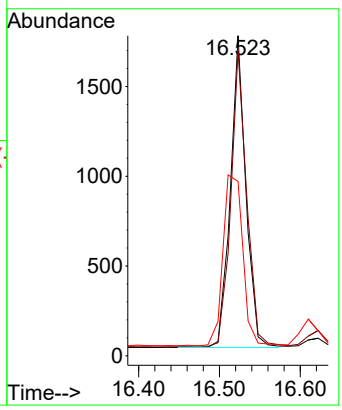


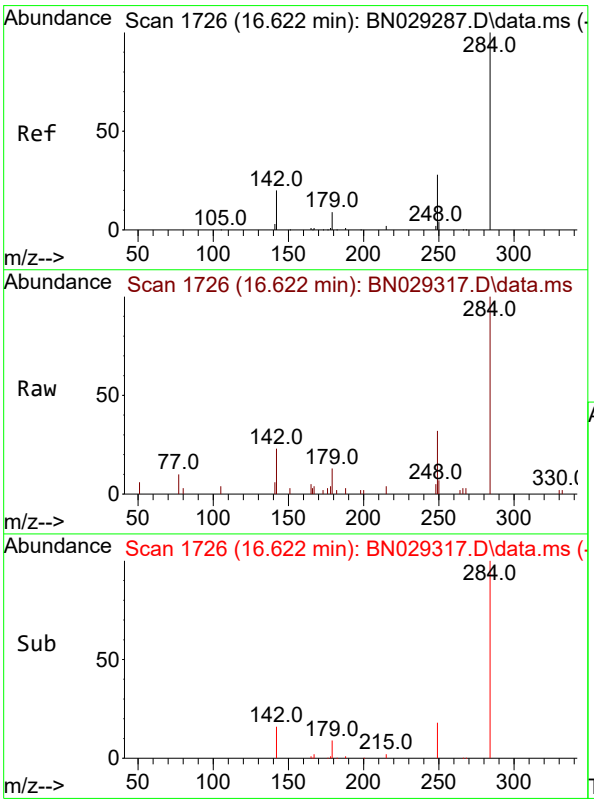
#21
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 16.523 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:248 Resp: 2323

Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.1	117.1
141	54.5	44.2	66.4

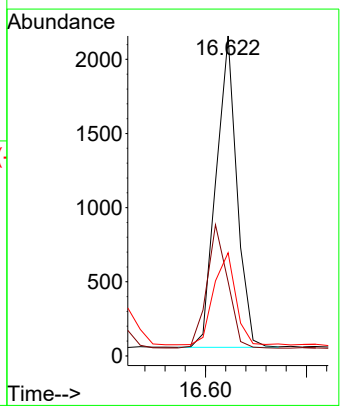


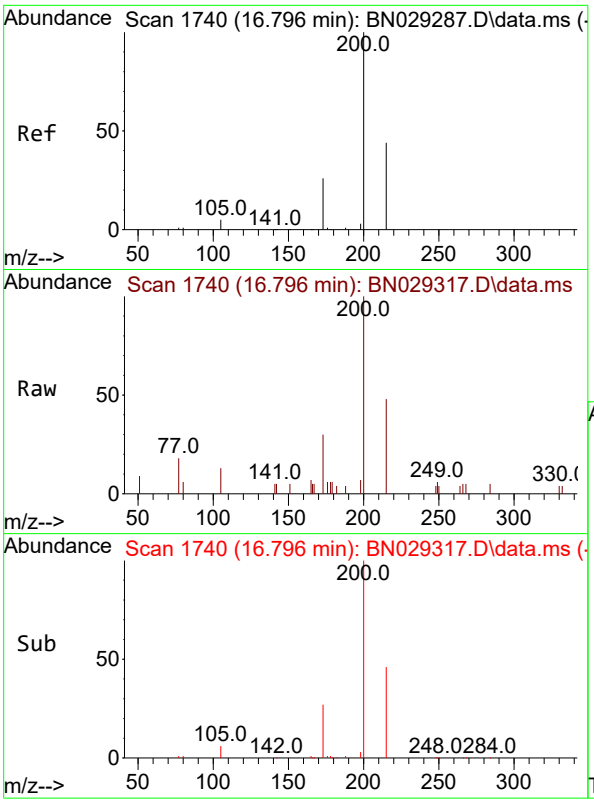


#22
Hexachlorobenzene
Concen: 0.263 ng
RT: 16.622 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:284 Resp: 3009

Ion	Ratio	Lower	Upper
284	100		
142	39.5	30.6	45.8
249	31.2	24.9	37.3



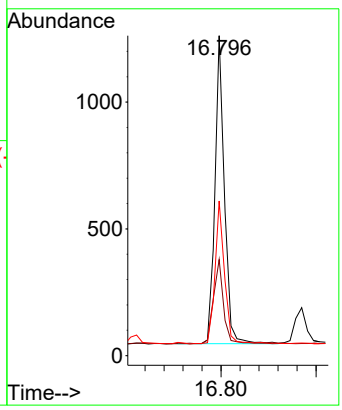


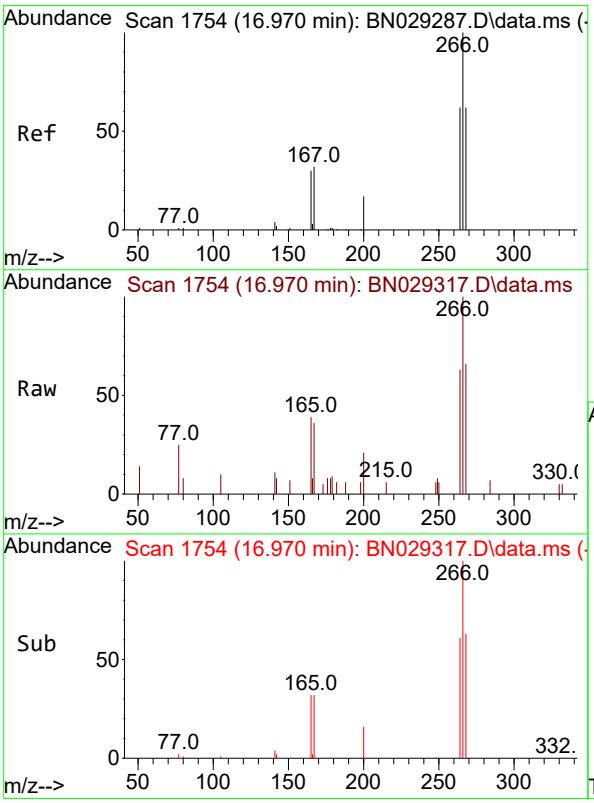
#23
Atrazine
Concen: 0.261 ng
RT: 16.796 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:200 Resp: 1683

Ion	Ratio	Lower	Upper
200	100		
173	30.0	22.2	33.4
215	48.3	36.6	54.8

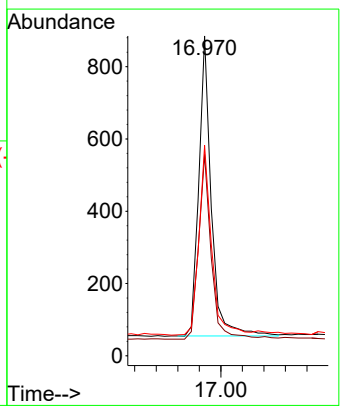


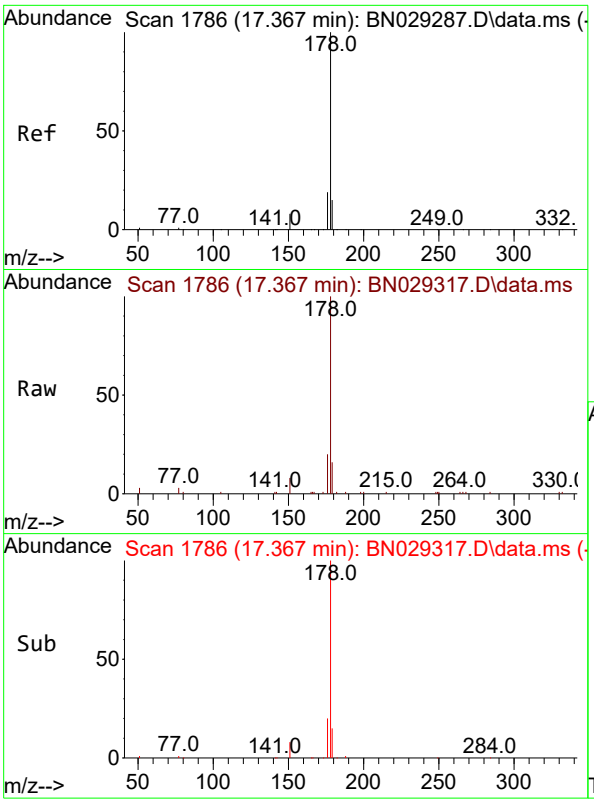


#24
Pentachlorophenol
Concen: 0.378 ng
RT: 16.970 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:266 Resp: 1335

Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.3	72.5
268	65.2	47.7	71.5



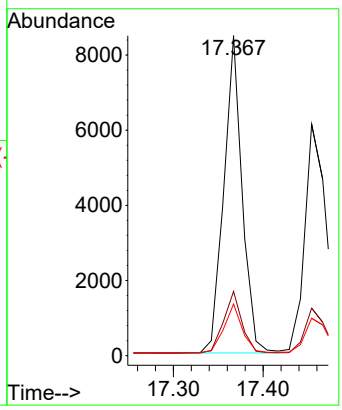


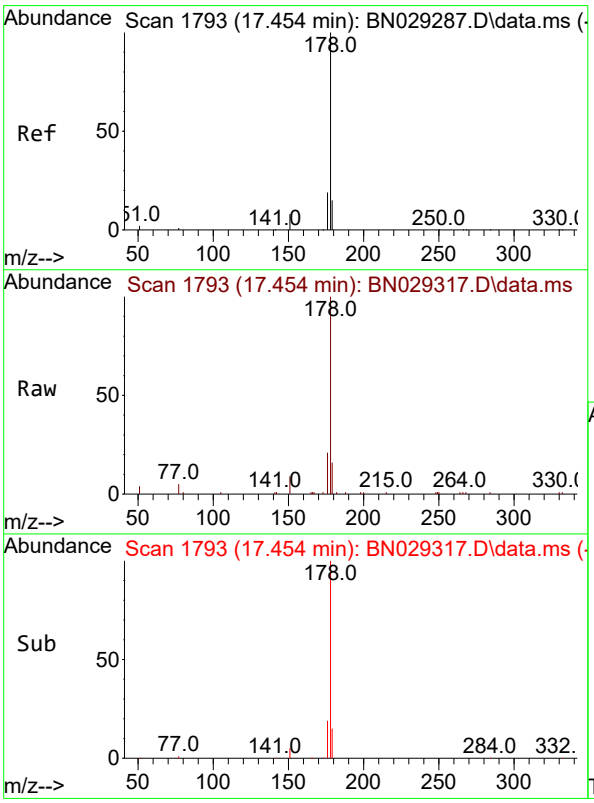
#25
Phenanthrene
Concen: 0.273 ng
RT: 17.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:178 Resp: 11989

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.3	12.3	18.5

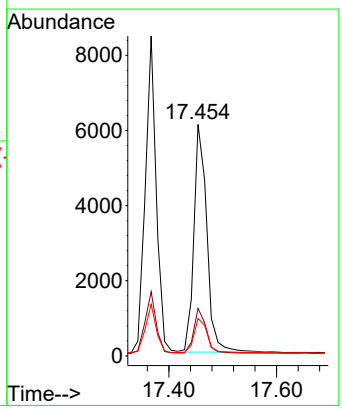


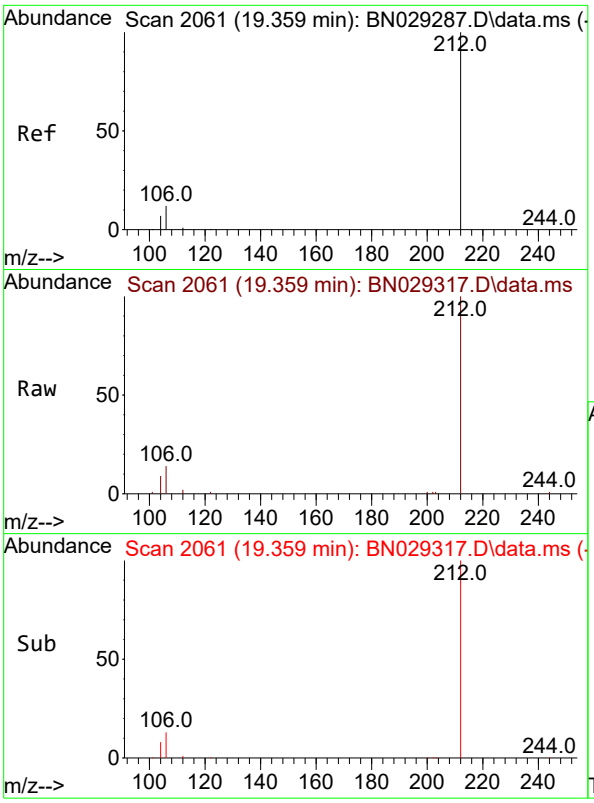


#26
Anthracene
Concen: 0.265 ng
RT: 17.454 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:178 Resp: 10167

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.2	12.2	18.2



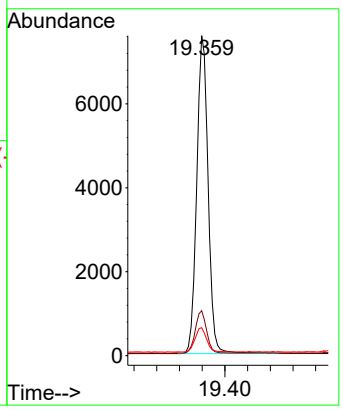


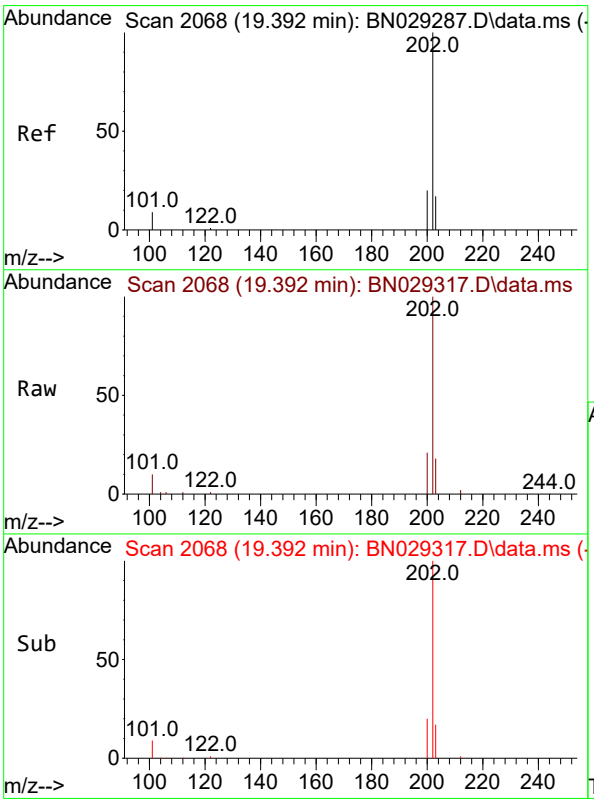
#27
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.359 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:212 Resp: 10507

Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.9	14.9
104	7.7	5.8	8.8

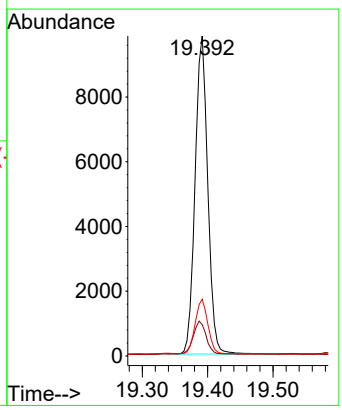


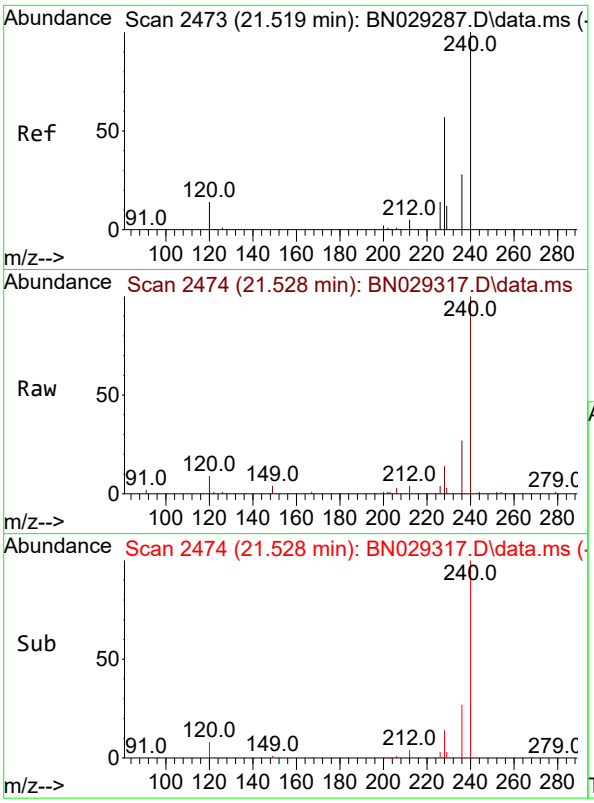


#28
Fluoranthene
Concen: 0.246 ng
RT: 19.392 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:202 Resp: 13209

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.1	12.1
203	17.2	13.8	20.6



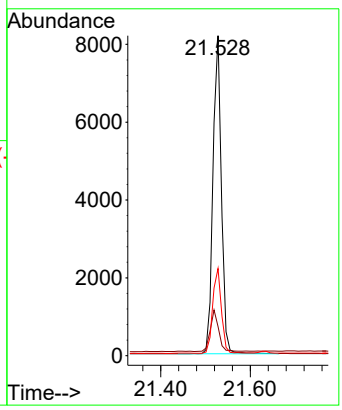


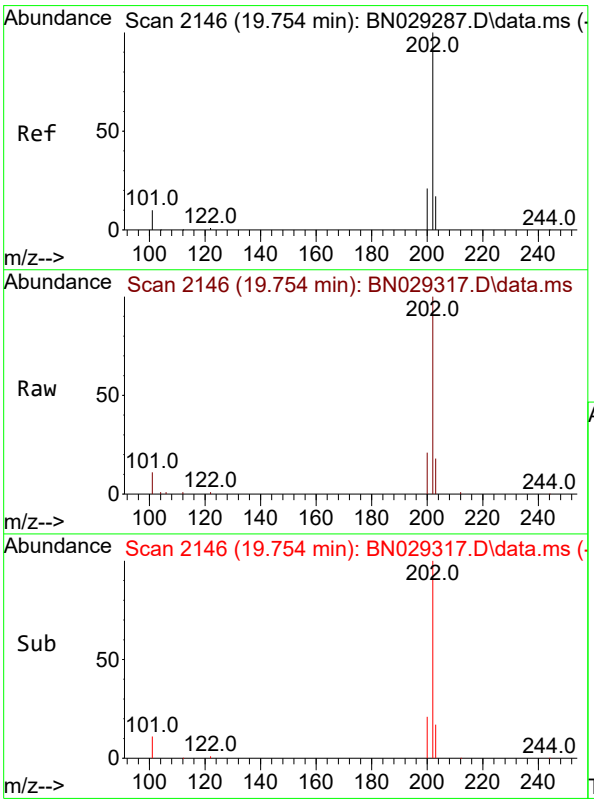
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.528 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:240 Resp: 10715

Ion	Ratio	Lower	Upper
240	100		
120	9.1	11.8	17.8#
236	27.2	22.7	34.1

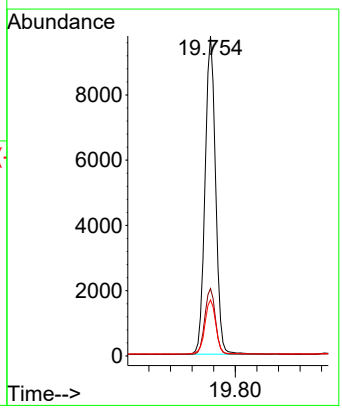


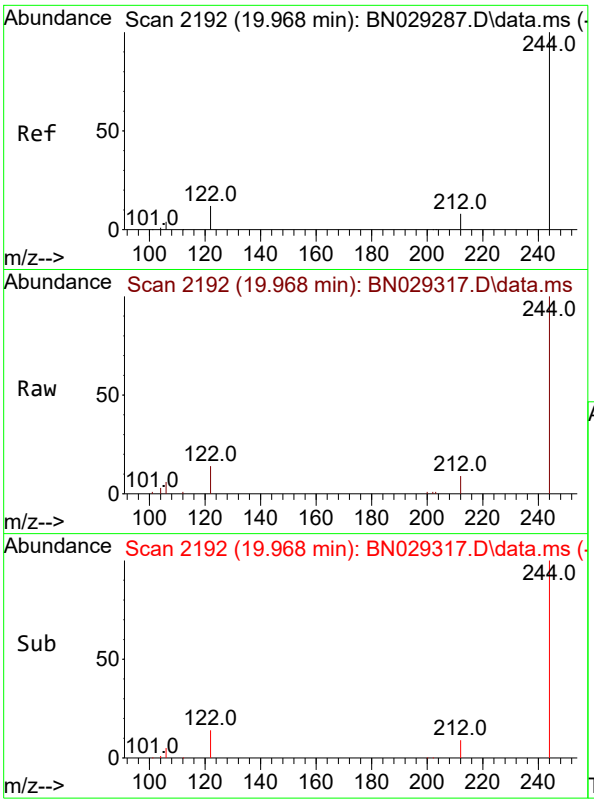


#30
Pyrene
Concen: 0.292 ng
RT: 19.754 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:202 Resp: 13202

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.7	14.2	21.2



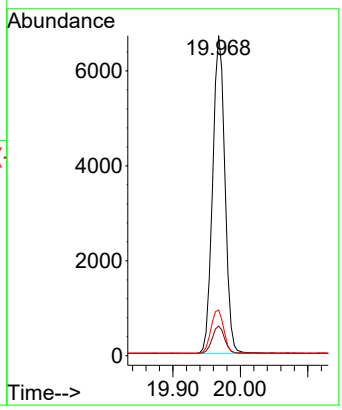


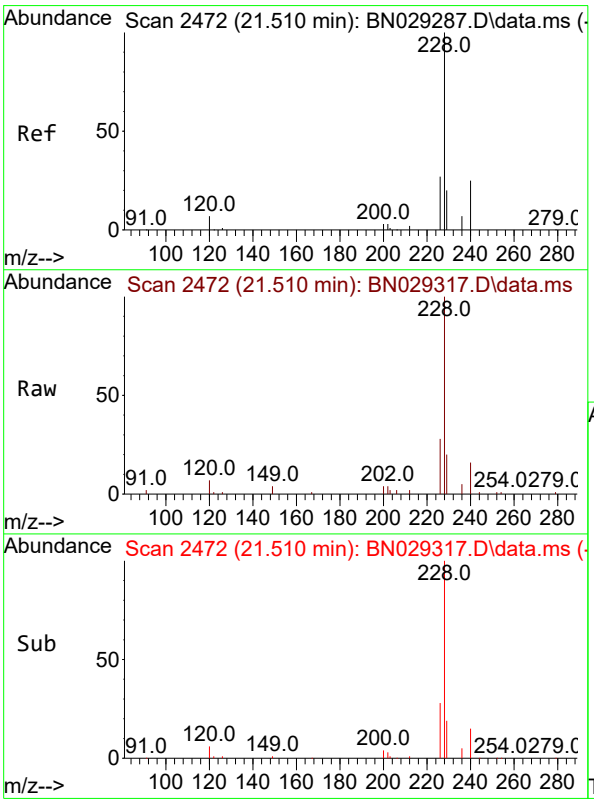
#31
Terphenyl-d14
Concen: 0.316 ng
RT: 19.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:244 Resp: 8491

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	14.3	10.2	15.4

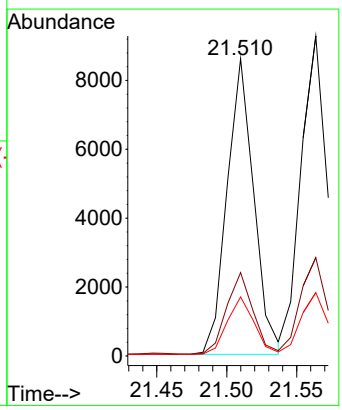


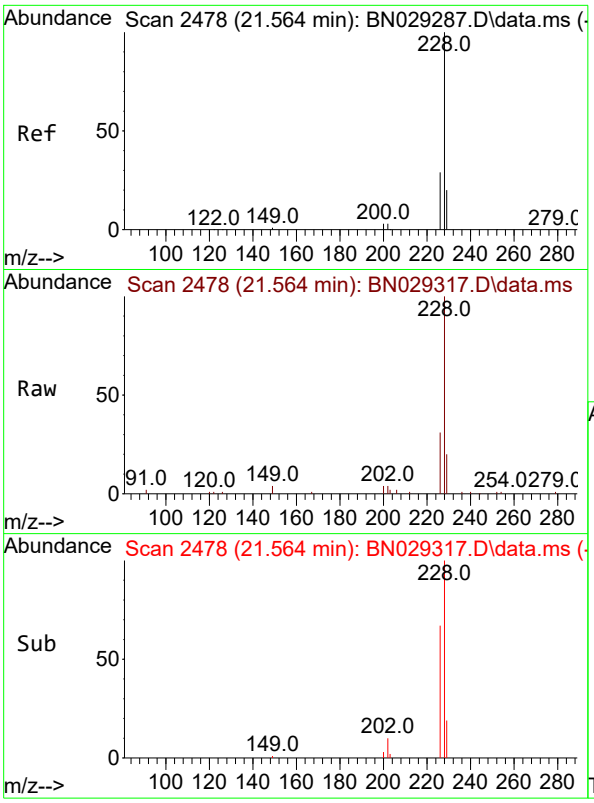


#32
Benzo(a)anthracene
Concen: 0.276 ng
RT: 21.510 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:228 Resp: 11412

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	19.9	16.1	24.1



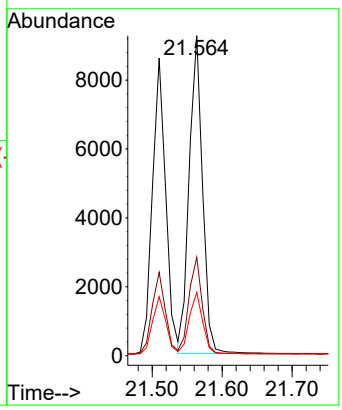


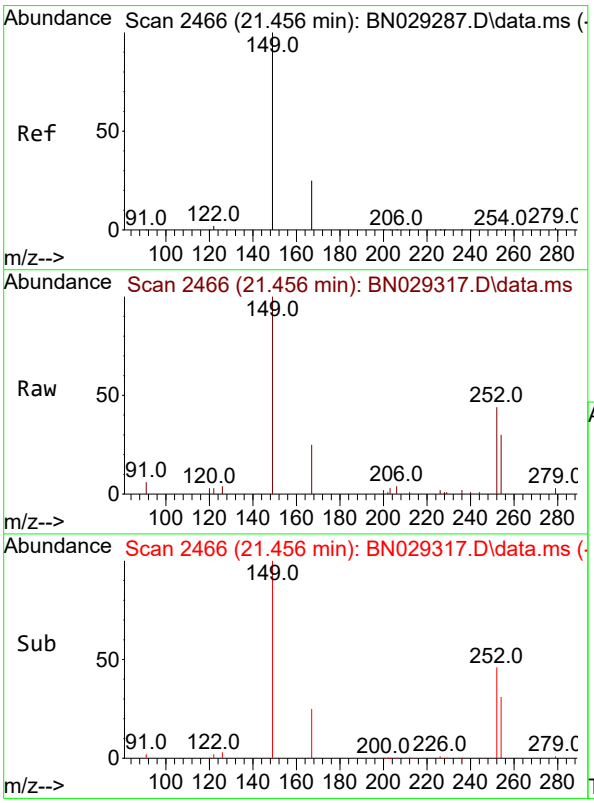
#33
Chrysene
Concen: 0.276 ng
RT: 21.564 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:228 Resp: 12204

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	19.8	15.8	23.8

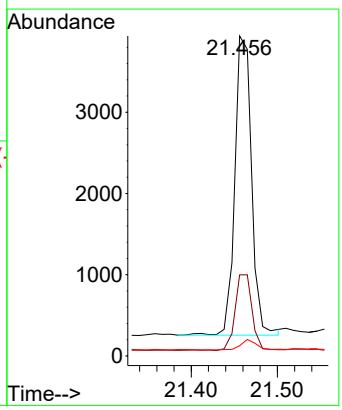


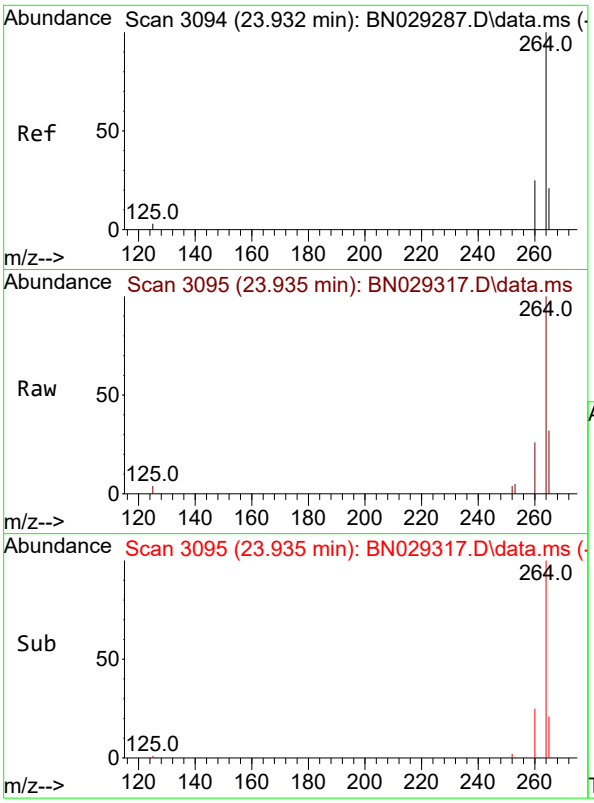


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.267 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:149 Resp: 4979

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.3	30.5
279	3.2	2.6	4.0



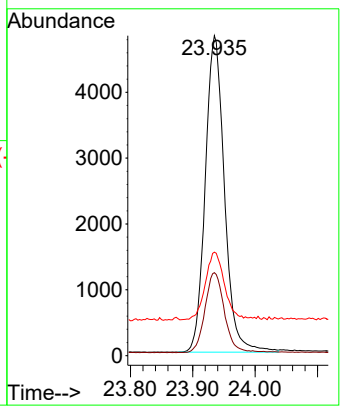


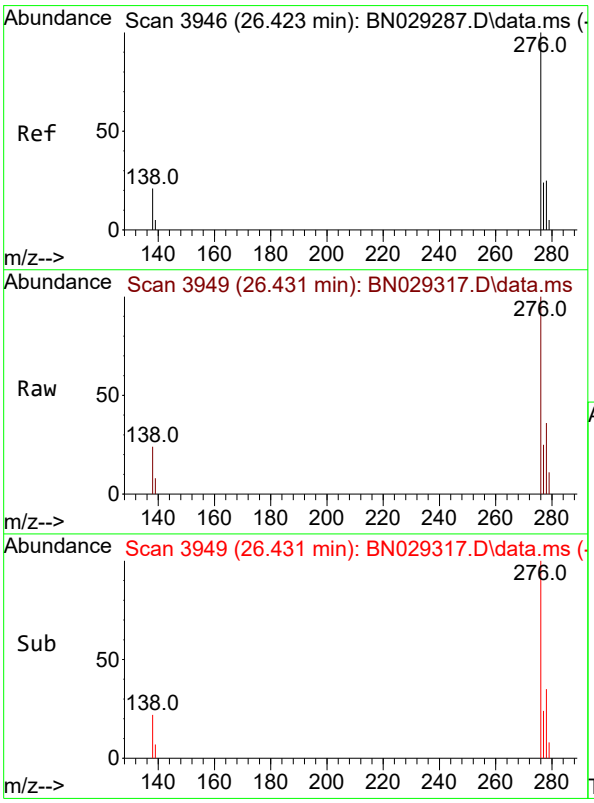
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.935 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:264 Resp: 10280

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	32.3	21.4	32.0#

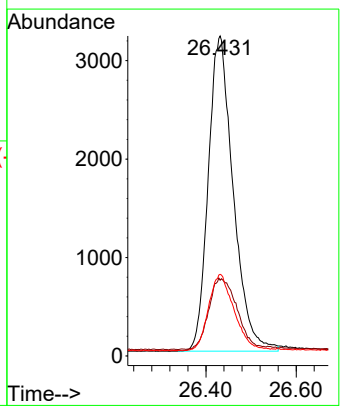


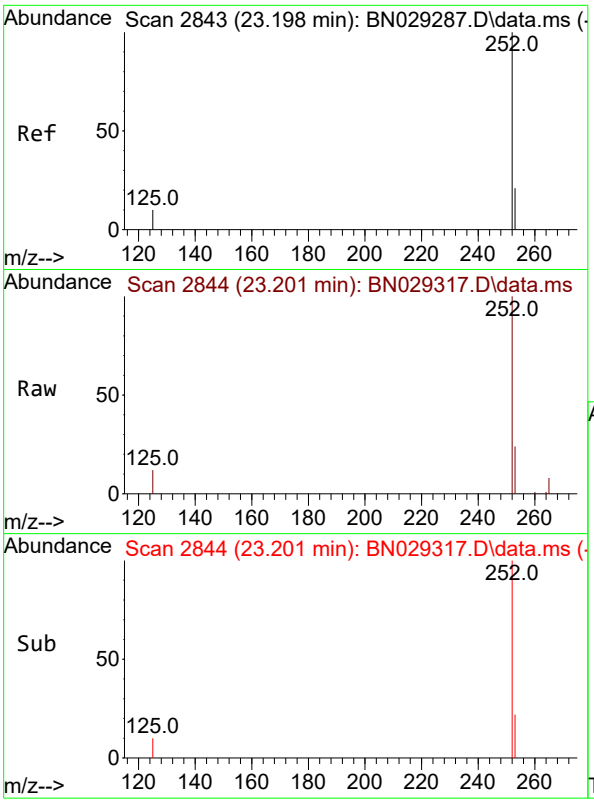


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng
RT: 26.431 min Scan# 3949
Delta R.T. 0.009 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:276 Resp: 12310

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.4	29.0
277	24.8	20.1	30.1



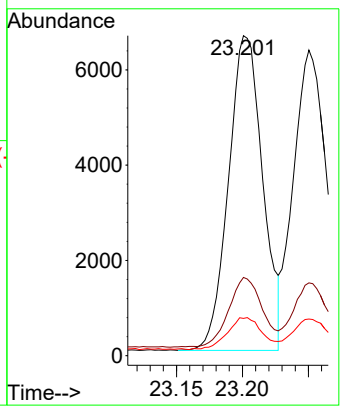


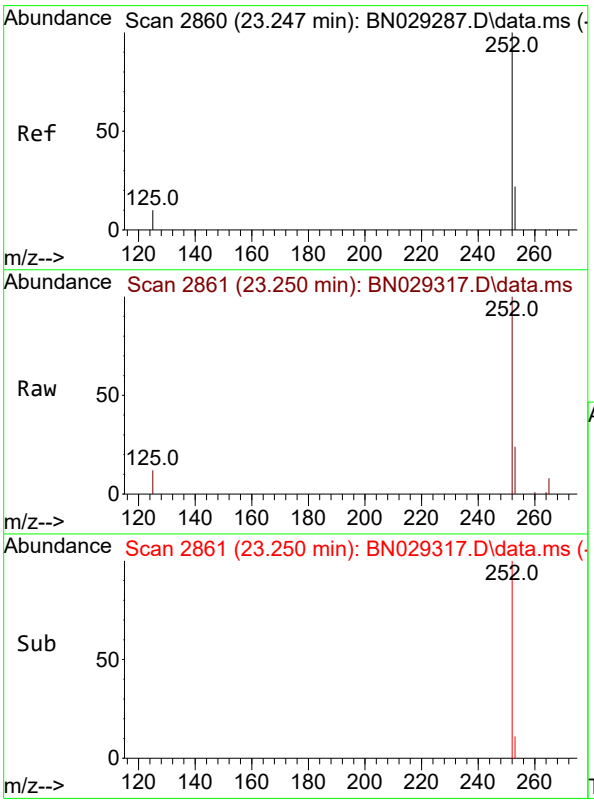
#37
Benzo(b)fluoranthene
Concen: 0.275 ng
RT: 23.201 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:252 Resp: 11929

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	11.6	8.3	12.5

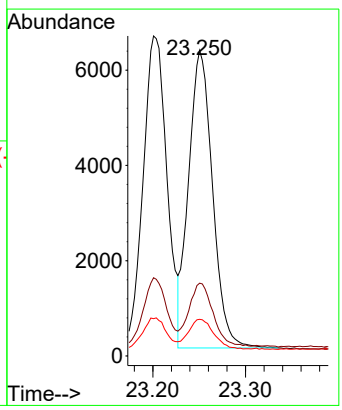


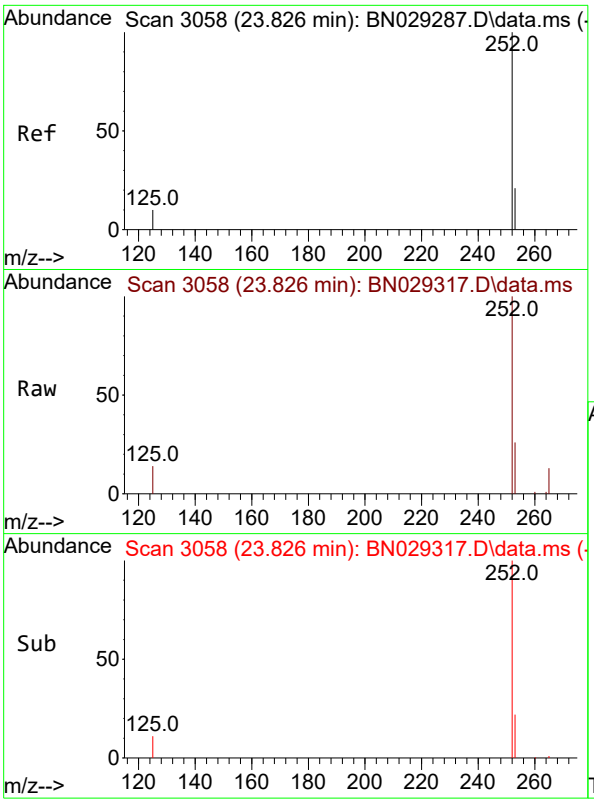


#38
Benzo(k)fluoranthene
Concen: 0.267 ng
RT: 23.250 min Scan# 2861
Delta R.T. 0.003 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:252 Resp: 11245

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	12.0	8.6	13.0



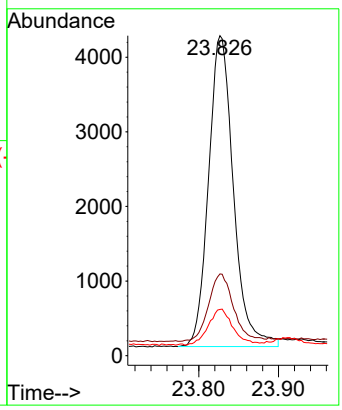


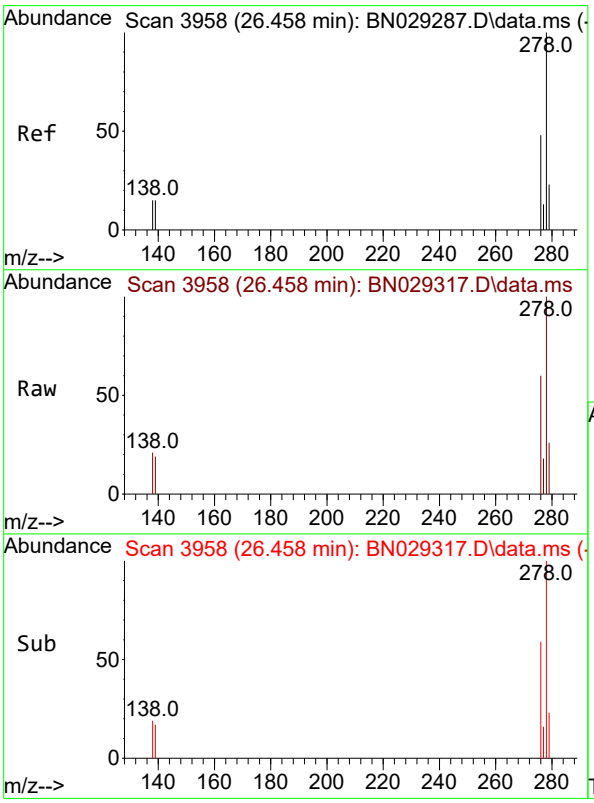
#39
Benzo(a)pyrene
Concen: 0.259 ng
RT: 23.826 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:252 Resp: 9019

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.7	28.1
125	14.4	9.4	14.2#

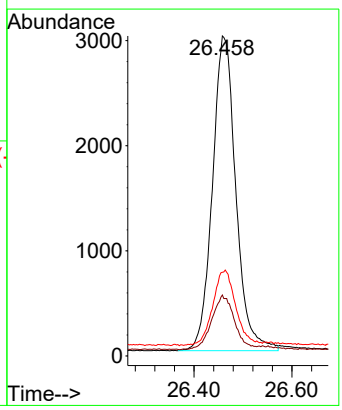


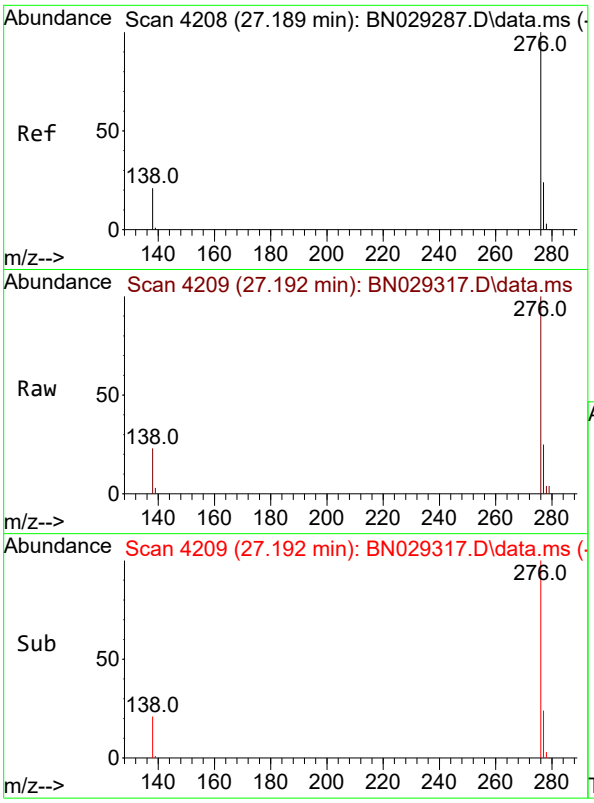


#40
Dibenzo(a,h)anthracene
Concen: 0.268 ng
RT: 26.458 min Scan# 3958
Delta R.T. 0.000 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Tgt Ion:278 Resp: 9948

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.0	19.6
279	26.1	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 0.269 ng
RT: 27.192 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029317.D
Acq: 19 Jan 2024 23:07

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Tgt Ion:276 Resp: 10534

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.2
138	22.6	17.2	25.8