Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028157.D
Acq On : 09 Oct 2023 12:45
Operator : MA/JU
Sample : PB155839BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Quant Time: Oct 09 14:01:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 12:40:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	4029	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11428	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	5259	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	9881	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	9167	0.400	ng	0.00
35) Perylene-d12	23.981	264	9927	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3990	0.332	ng	0.00
5) Phenol-d6	7.091	99	4567	0.301	ng	0.00
8) Nitrobenzene-d5	9.123	82	3883	0.399	ng	0.00
11) 2-Methylnaphthalene-d10	12.328	152	7707	0.455	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	586	0.243	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	8571	0.452	ng	0.00
27) Fluoranthene-d10	19.360	212	9688	0.390	ng	0.00
31) Terphenyl-d14	19.946	244	8665	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	1666	0.369	ng	# 77
3) n-Nitrosodimethylamine	3.704	42	2102	0.406	ng	97
6) bis(2-Chloroethyl)ether	7.365	93	4386	0.359	ng	96
9) Naphthalene	10.789	128	11837	0.401	ng	100
10) Hexachlorobutadiene	11.013	225	2137	0.408	ng	# 99
12) 2-Methylnaphthalene	12.400	142	7003	0.339	ng	98
16) Acenaphthylene	14.298	152	8776	0.377	ng	100
17) Acenaphthene	14.630	154	5910	0.398	ng	99
18) Fluorene	15.618	166	7227	0.375	ng	100
20) 4,6-Dinitro-2-methylph...	16.785	198	57	0.434	ng	79
21) 4-Bromophenyl-phenylether	16.512	248	1930	0.375	ng	# 82
22) Hexachlorobenzene	16.599	284	2317	0.429	ng	96
23) Atrazine	16.785	200	1463	0.325	ng	97
24) Pentachlorophenol	16.971	266	7233	2.841	ng	94
25) Phenanthrene	17.368	178	10534	0.395	ng	99
26) Anthracene	17.467	178	9065	0.360	ng	99
28) Fluoranthene	19.388	202	11738	0.382	ng	99
30) Pyrene	19.755	202	12177	0.362	ng	99
32) Benzo(a)anthracene	21.497	228	11958	0.383	ng	100
33) Chrysene	21.551	228	12105	0.403	ng	98
34) Bis(2-ethylhexyl)phtha...	21.372	149	5222	0.255	ng	99
36) Indeno(1,2,3-cd)pyrene	26.562	276	15992	0.479	ng	99
37) Benzo(b)fluoranthene	23.218	252	13072	0.408	ng	100
38) Benzo(k)fluoranthene	23.265	252	12671	0.390	ng	98
39) Benzo(a)pyrene	23.867	252	11079	0.365	ng	98
40) Dibenzo(a,h)anthracene	26.577	278	13043	0.477	ng	97
41) Benzo(g,h,i)perylene	27.375	276	13712	0.489	ng	98

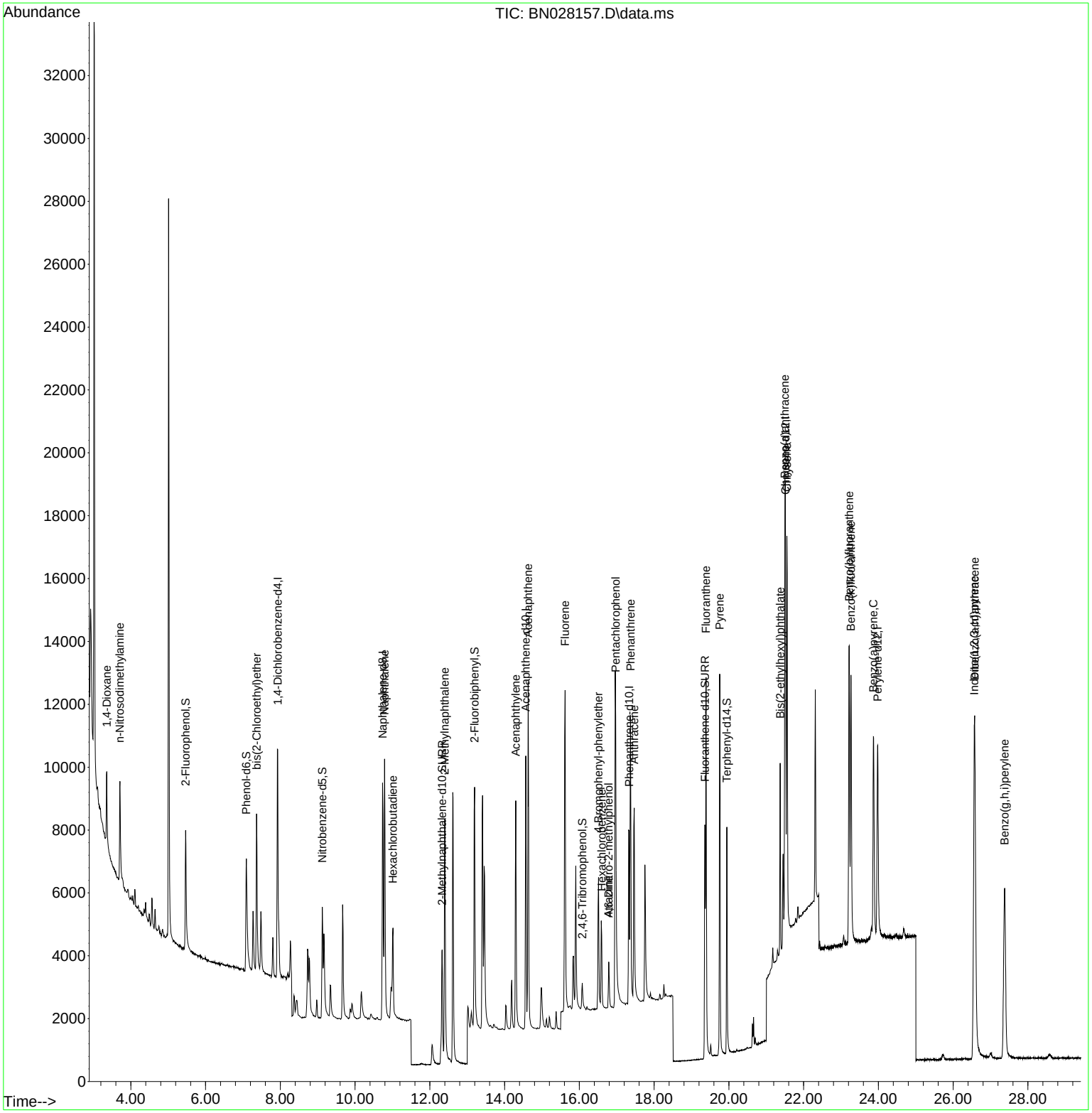
(#) = qualifier out of range (m) = manual integration (+) = signals summed

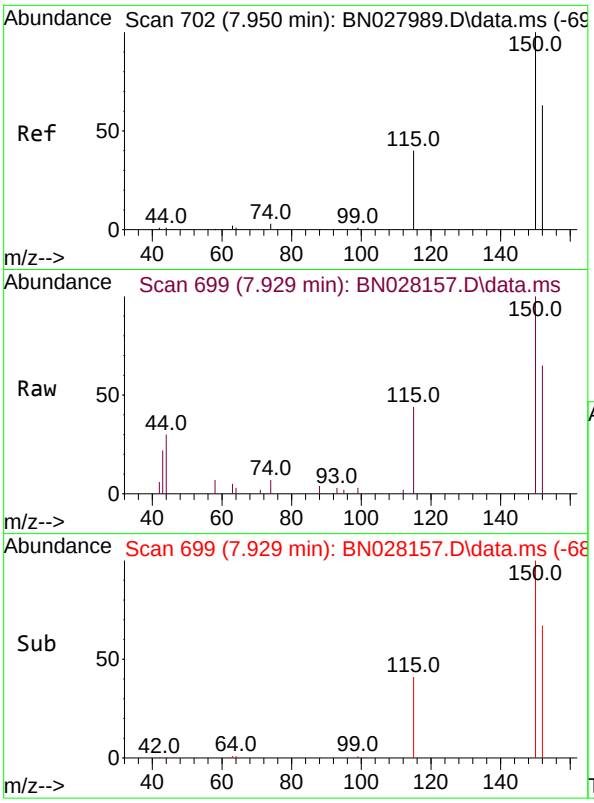
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028157.D
Acq On : 09 Oct 2023 12:45
Operator : MA/JU
Sample : PB155839BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Quant Time: Oct 09 14:01:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 12:40:55 2023
Response via : Initial Calibration



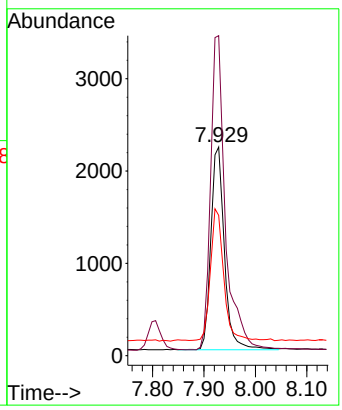


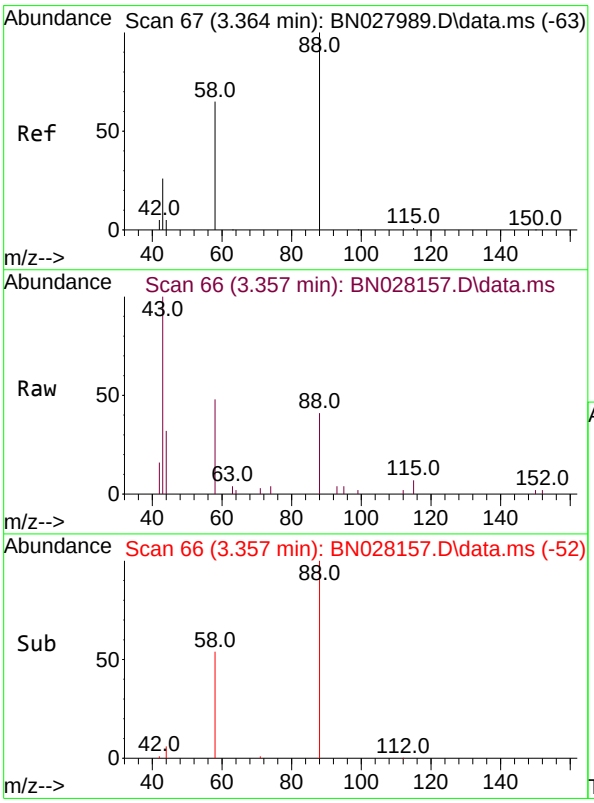
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:152 Resp: 4029

Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.6	188.4
115	67.3	54.8	82.2

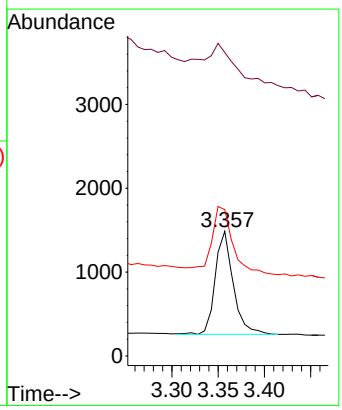


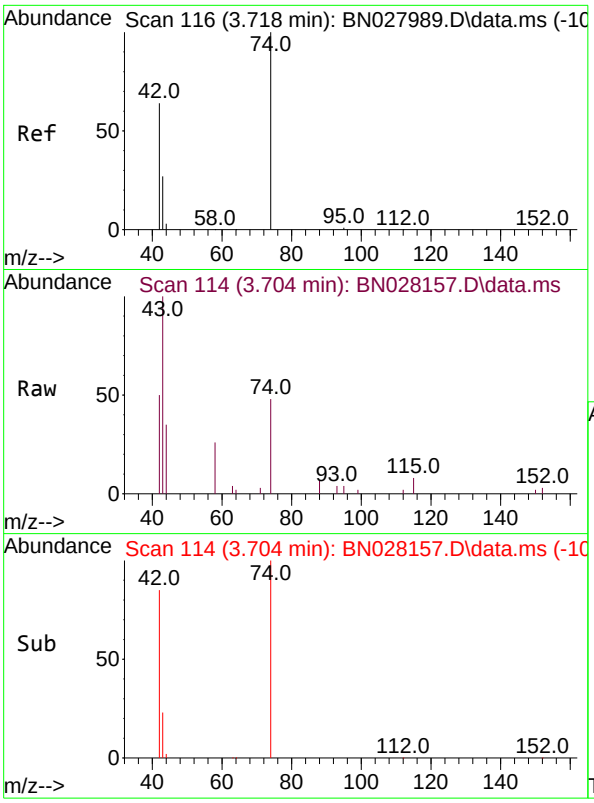


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.357 min Scan# 66
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 88 Resp: 1666

Ion	Ratio	Lower	Upper
88	100		
43	54.1	24.6	36.8#
58	77.9	53.8	80.6



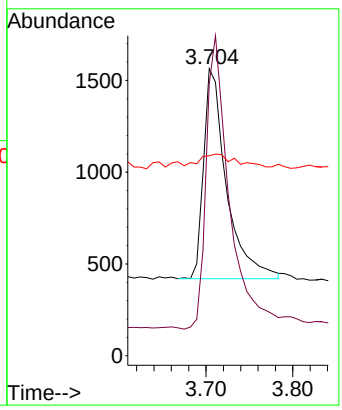


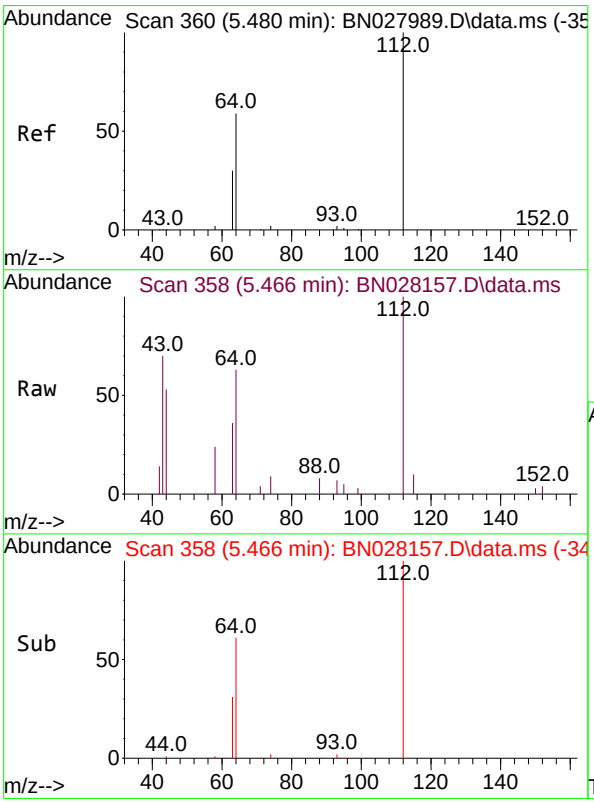
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.704 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion: 42 Resp: 2102

Ion	Ratio	Lower	Upper
42	100		
74	141.4	115.9	173.9
44	10.0	8.0	12.0

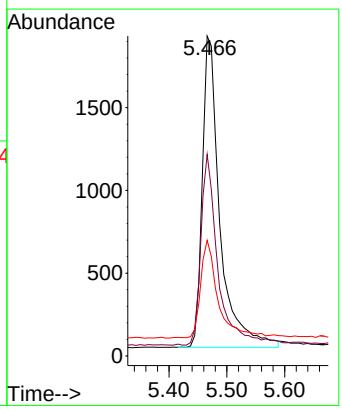


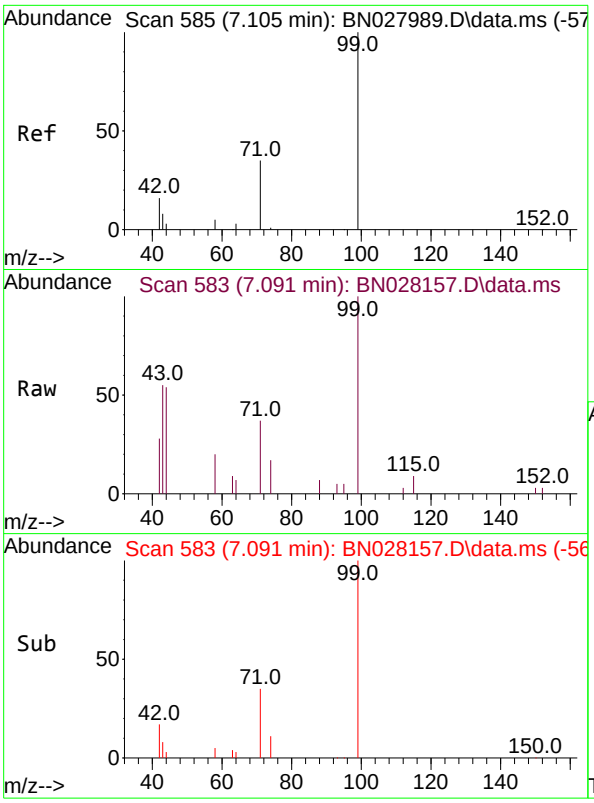


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.466 min Scan# 358
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:112 Resp: 3990

Ion	Ratio	Lower	Upper
112	100		
64	59.4	45.0	67.6
63	31.4	23.4	35.0



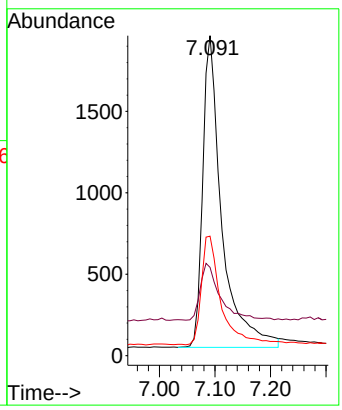


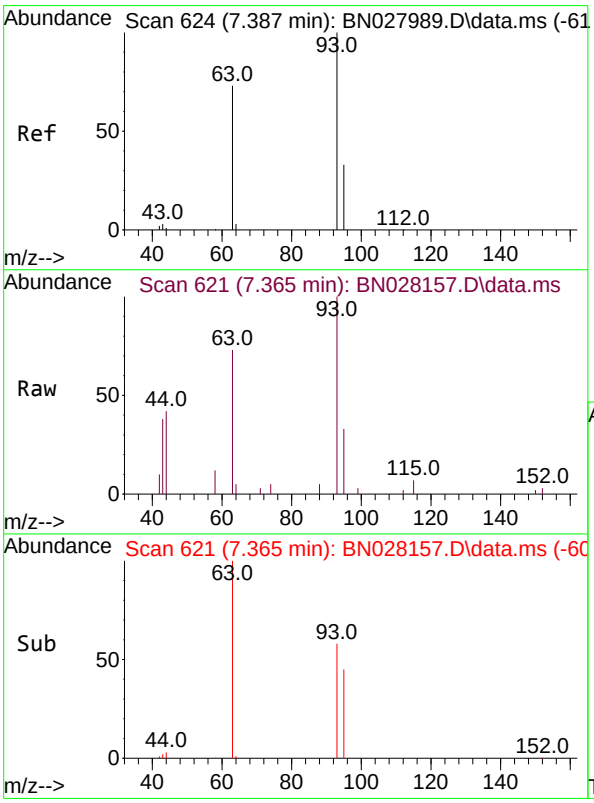
#5
Phenol-d6
Concen: 0.301 ng
RT: 7.091 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion: 99 Resp: 4567

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	35.6	28.3	42.5

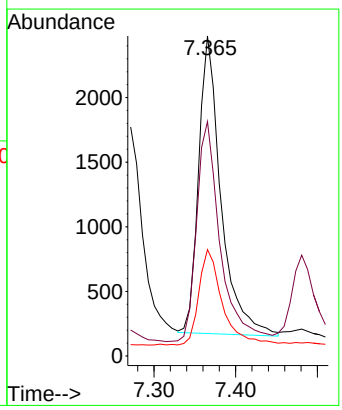


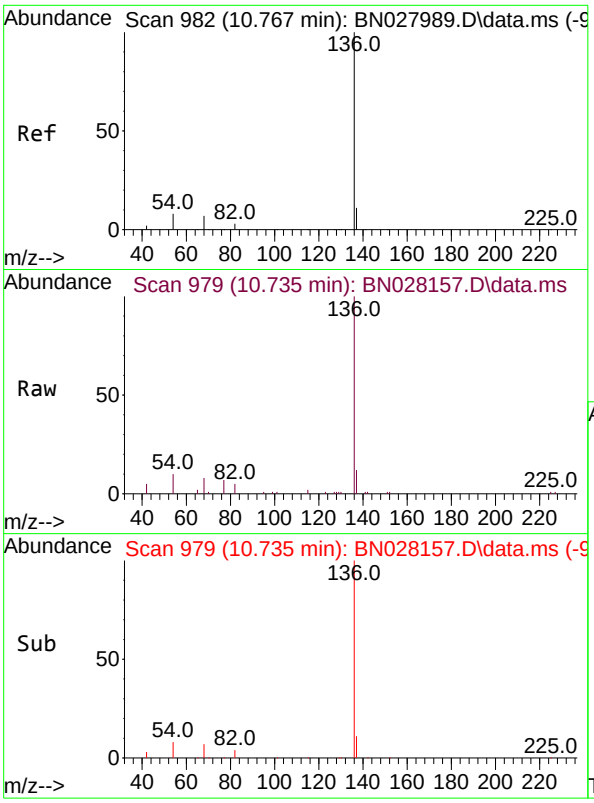


#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 7.365 min Scan# 621
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 93 Resp: 4386

Ion	Ratio	Lower	Upper
93	100		
63	78.3	58.8	88.2
95	33.9	26.6	39.8



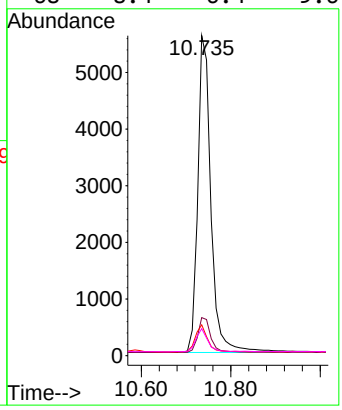


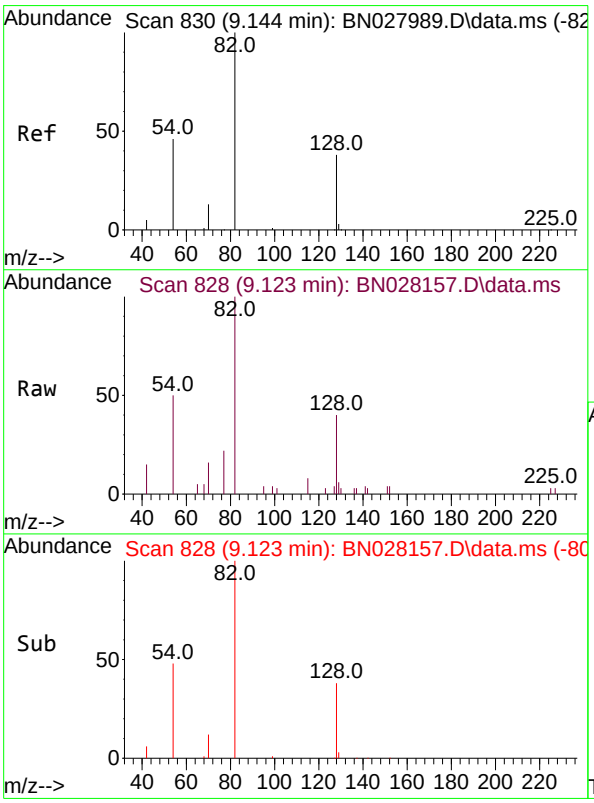
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:136 Resp: 11428

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	9.6	7.0	10.6
68	8.4	6.4	9.6

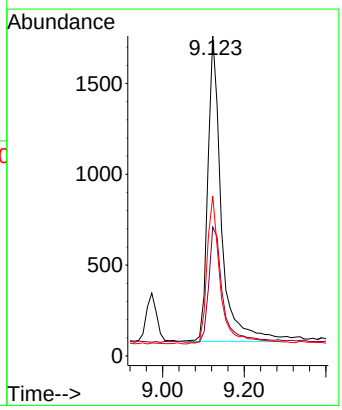


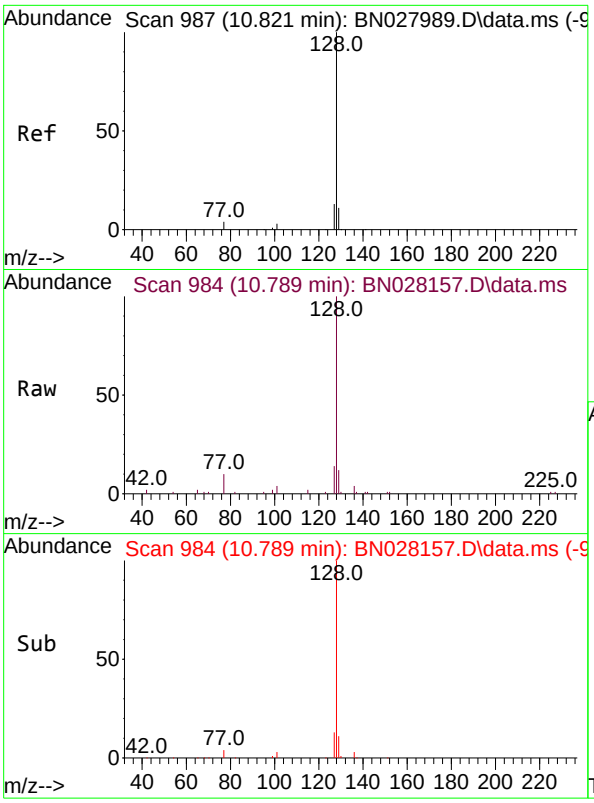


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion: 82 Resp: 3883

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.7	49.1
54	49.9	38.7	58.1



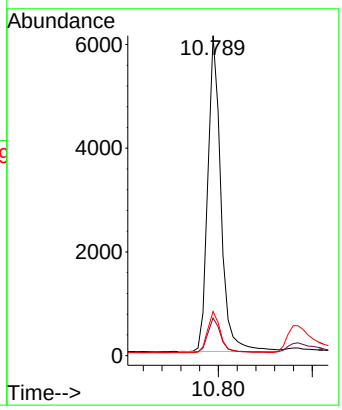


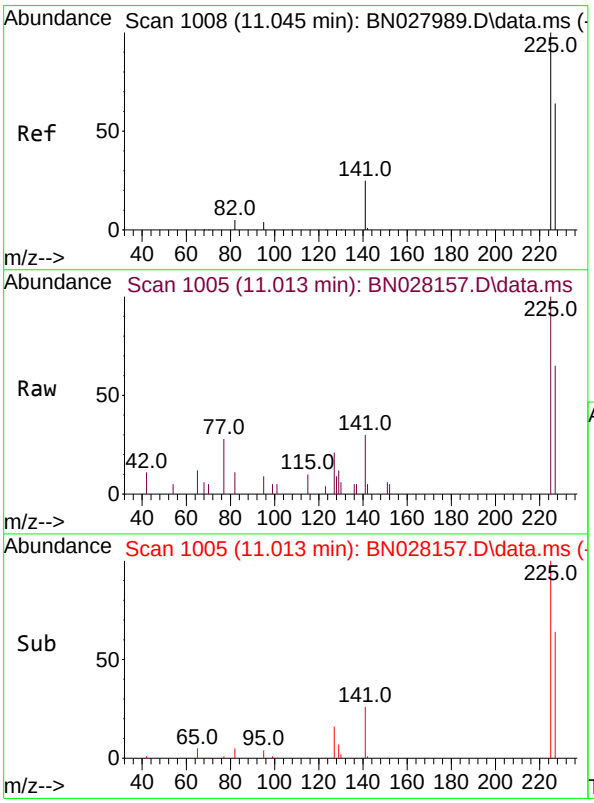
#9
Naphthalene
Concen: 0.401 ng
RT: 10.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:128 Resp: 11837

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.8	10.9	16.3

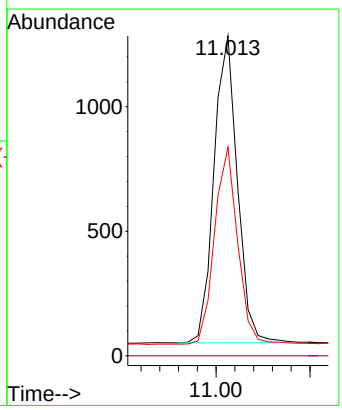


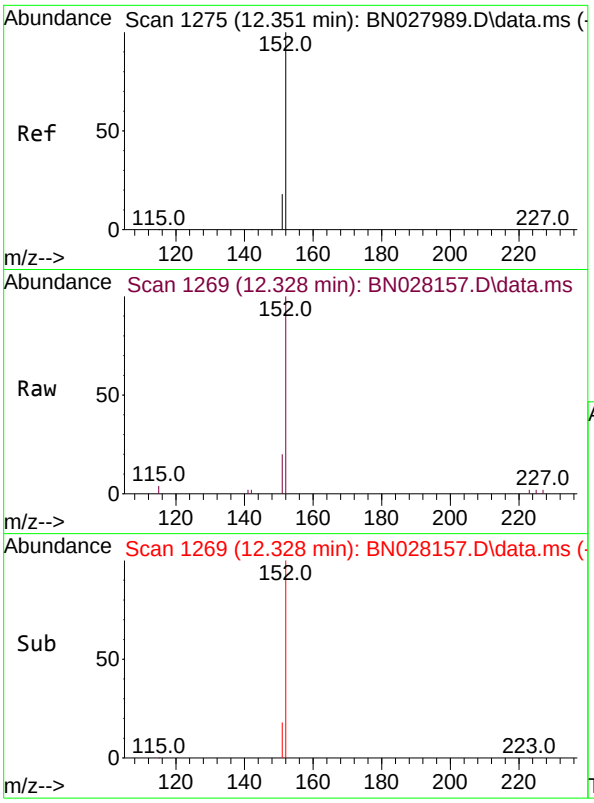


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.013 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:225 Resp: 2137

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.3	76.9



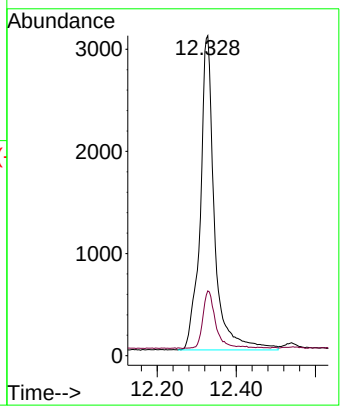


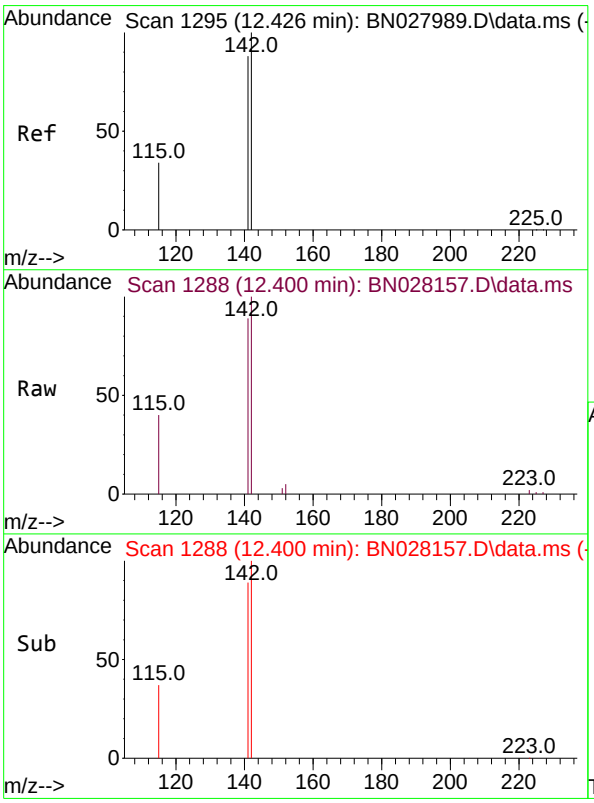
#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 12.328 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:152 Resp: 7707

Ion	Ratio	Lower	Upper
152	100		
151	16.1	16.5	24.7#

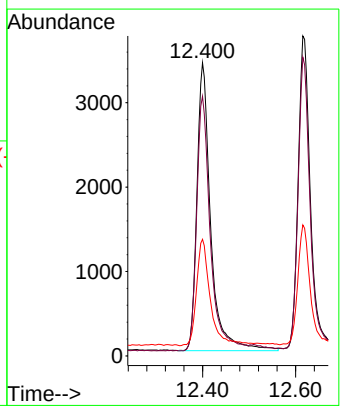


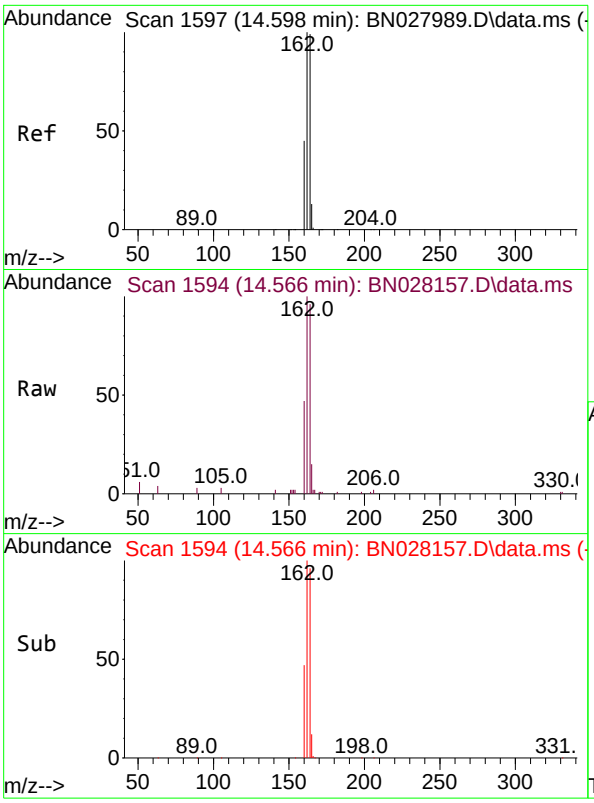


#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.400 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:142 Resp: 7003

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.7	106.1
115	39.7	28.6	42.8



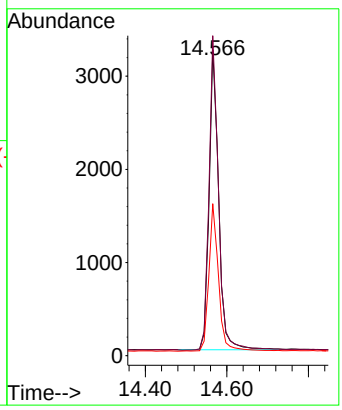


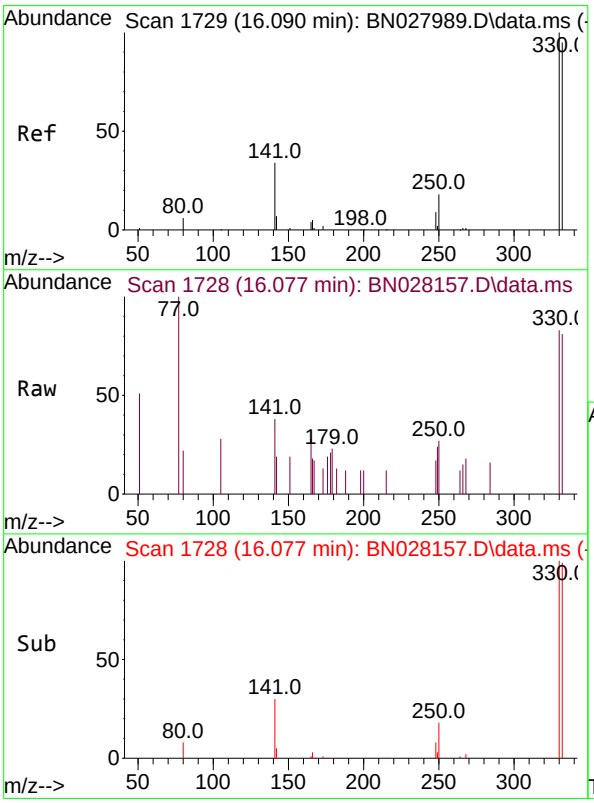
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:164 Resp: 5259

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.8	121.2
160	49.7	36.4	54.6

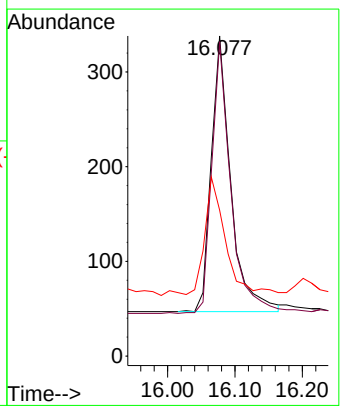


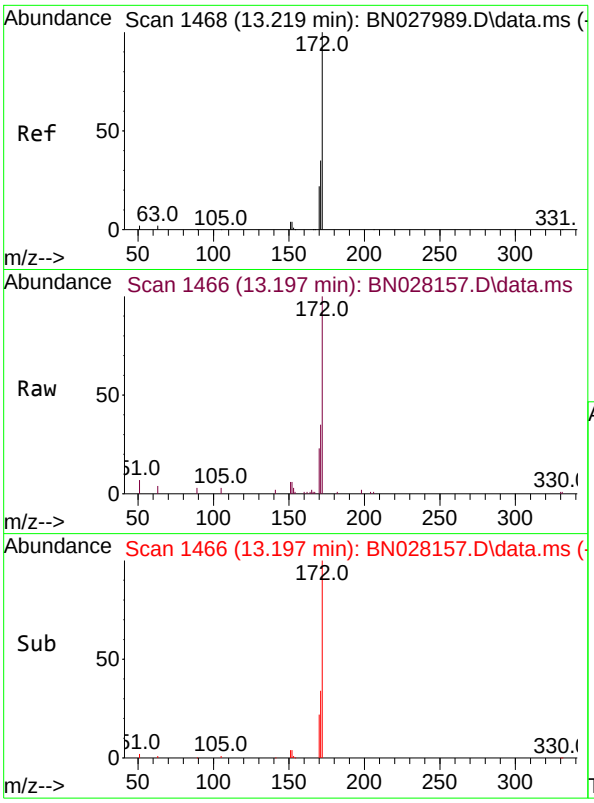


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 16.077 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:330 Resp: 586

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	44.4	33.4	50.2



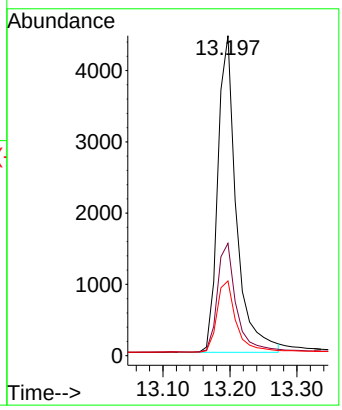


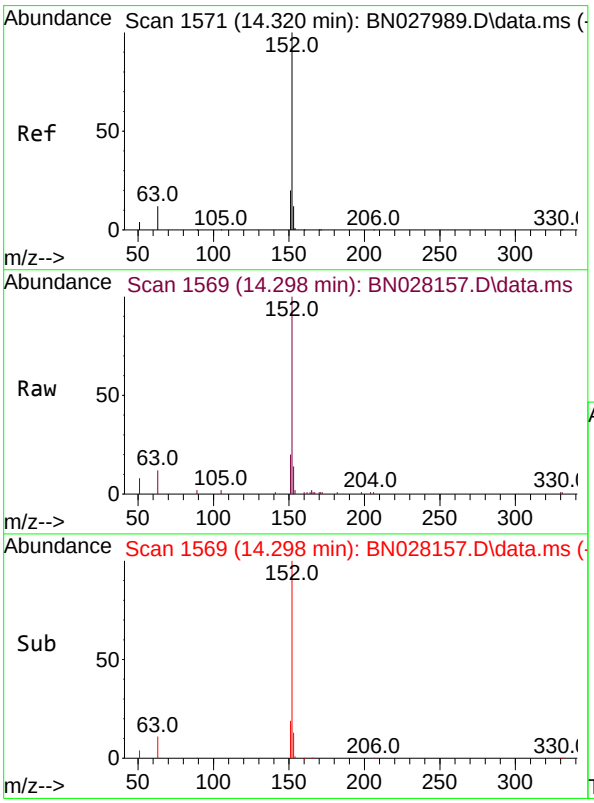
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.197 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:172 Resp: 8571

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.4	27.6

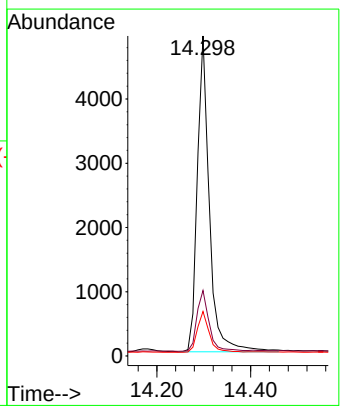


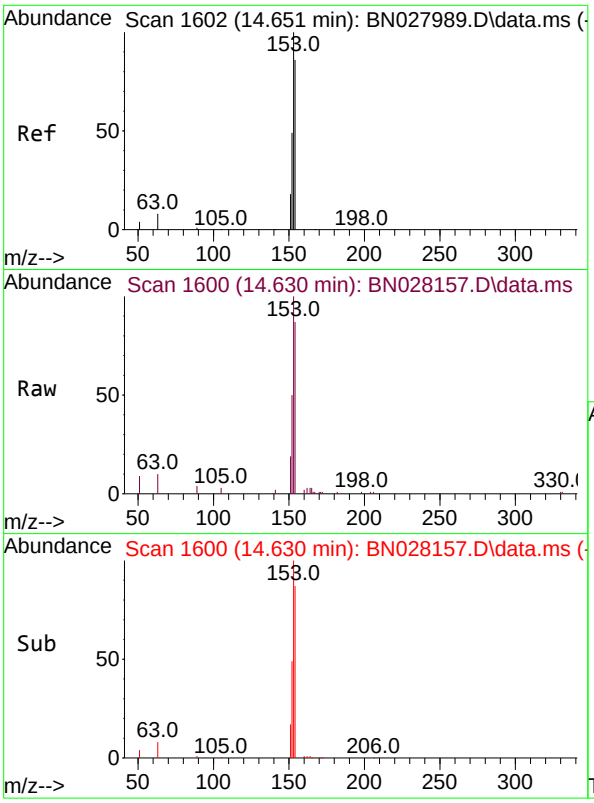


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.298 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:152 Resp: 8776

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.2	15.4



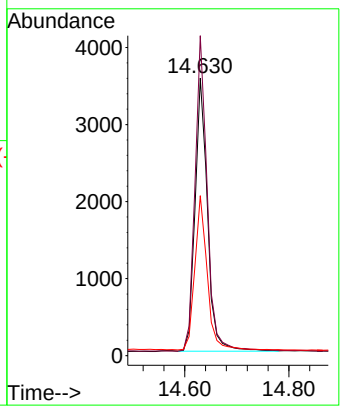


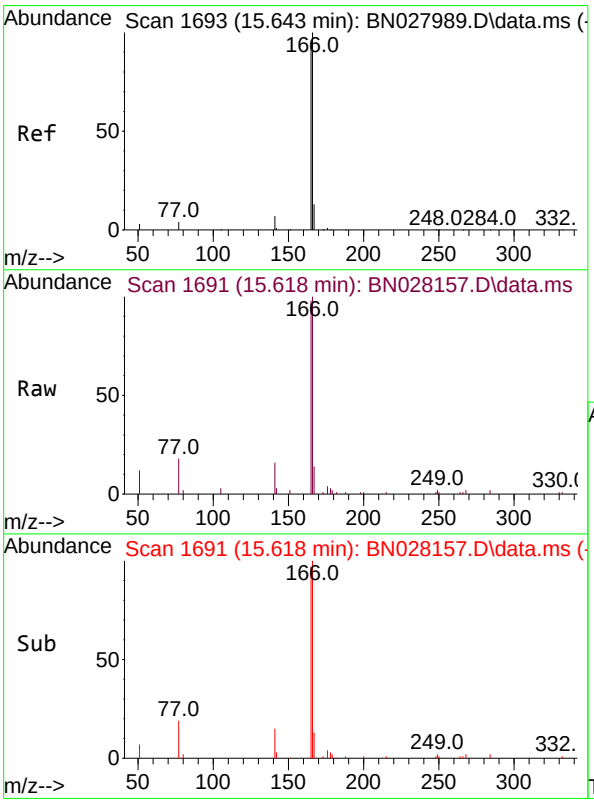
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.630 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:154 Resp: 5910

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.8	136.2
152	56.1	43.9	65.9

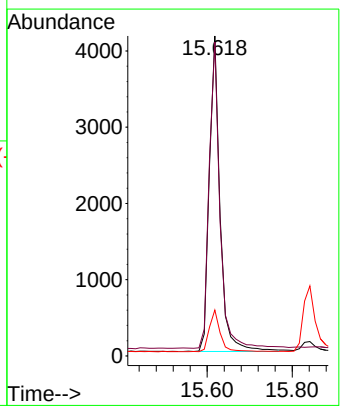


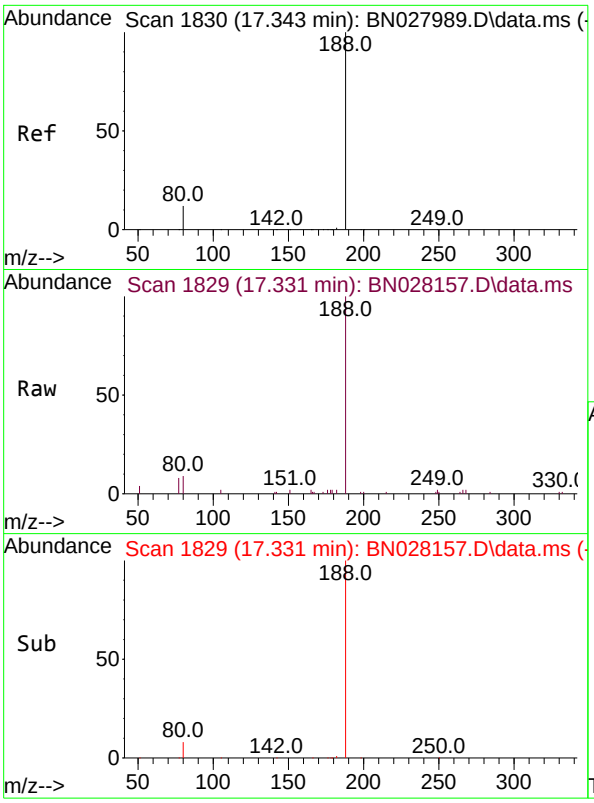


#18
Fluorene
Concen: 0.375 ng
RT: 15.618 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:166 Resp: 7227

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.8
167	13.5	10.7	16.1



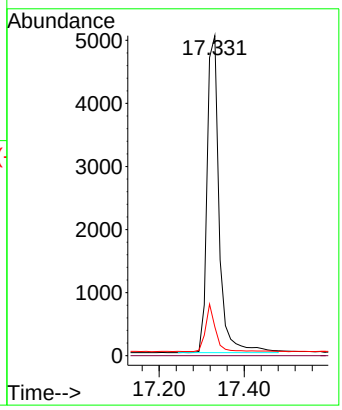


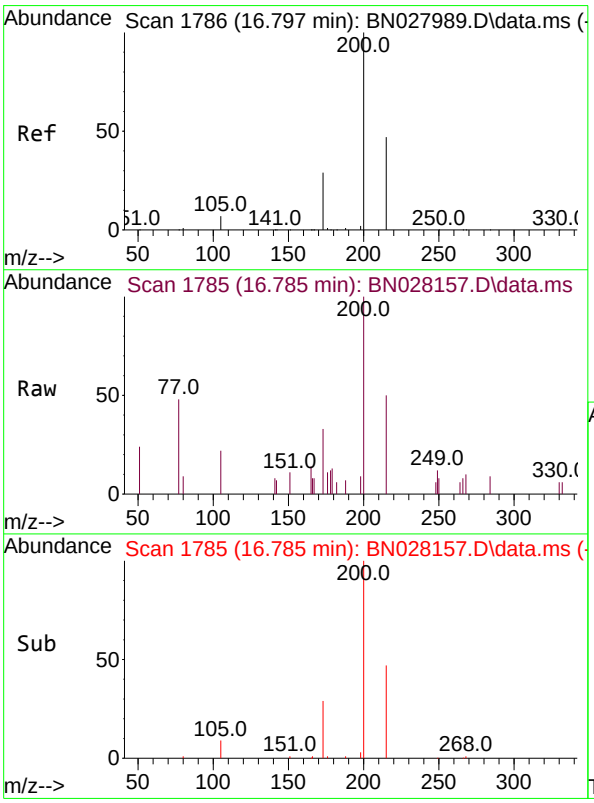
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:188 Resp: 9881

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	10.2	15.4#

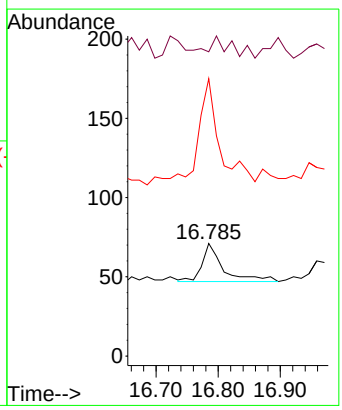


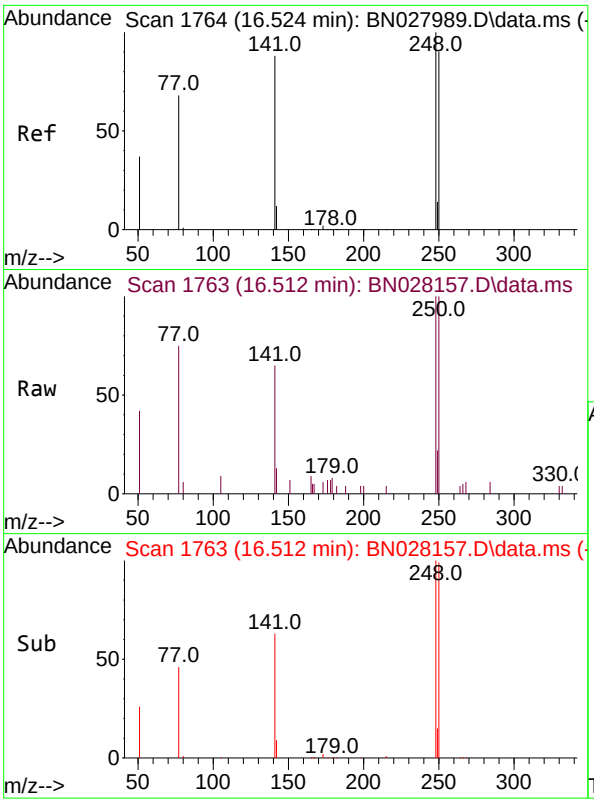


#20
4,6-Dinitro-2-methylphenol
Concen: 0.434 ng
RT: 16.785 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	270.4	180.7	271.1
105	246.5	222.2	333.2



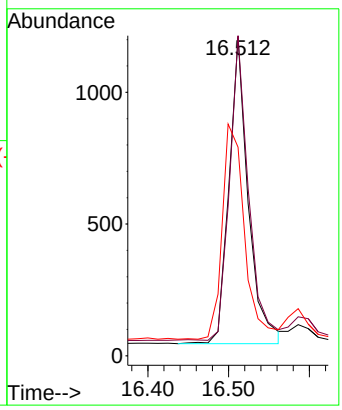


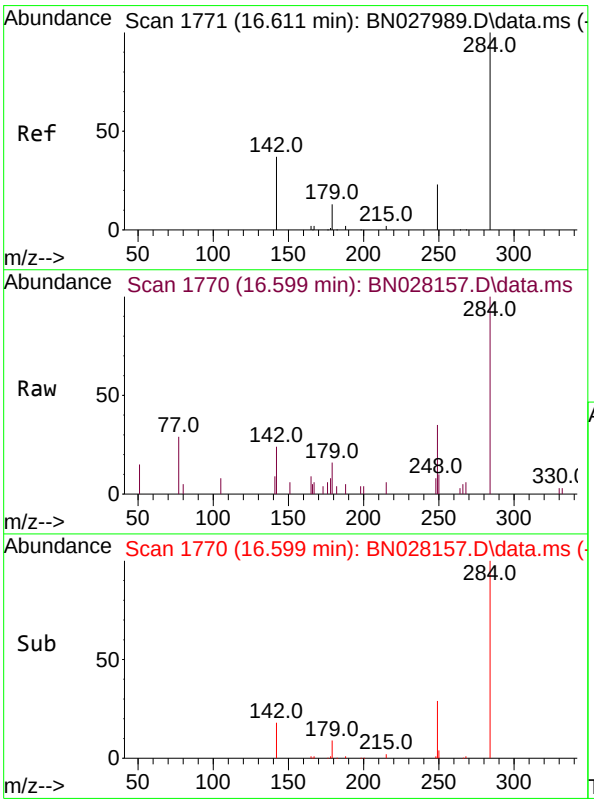
#21
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.512 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:248 Resp: 1930

Ion	Ratio	Lower	Upper
248	100		
250	100.5	72.3	108.5
141	65.5	71.8	107.6#

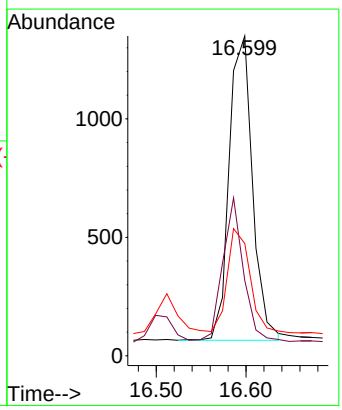


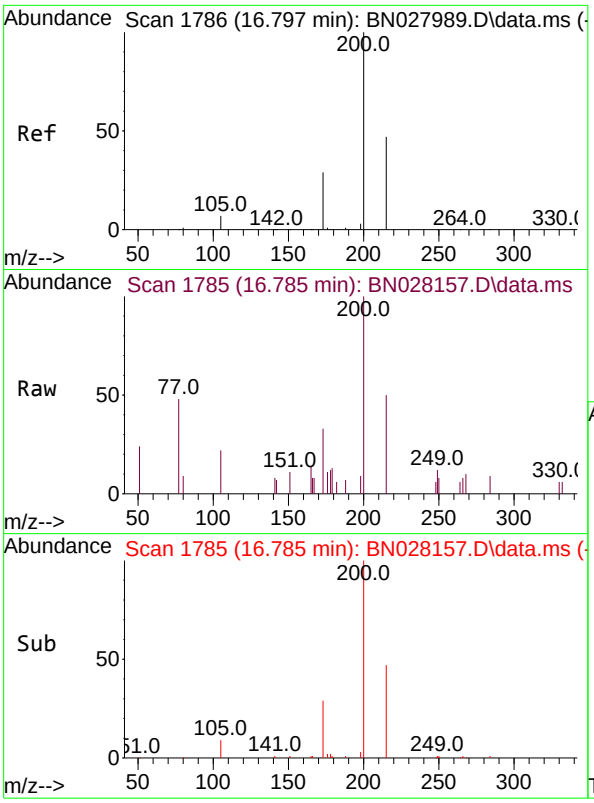


#22
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.599 min Scan# 1770
Delta R.T. 0.012 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:284 Resp: 2317

Ion	Ratio	Lower	Upper
284	100		
142	40.6	29.9	44.9
249	32.1	25.0	37.4



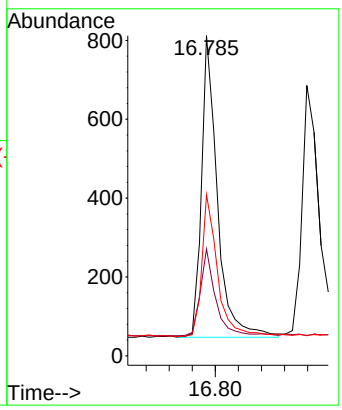


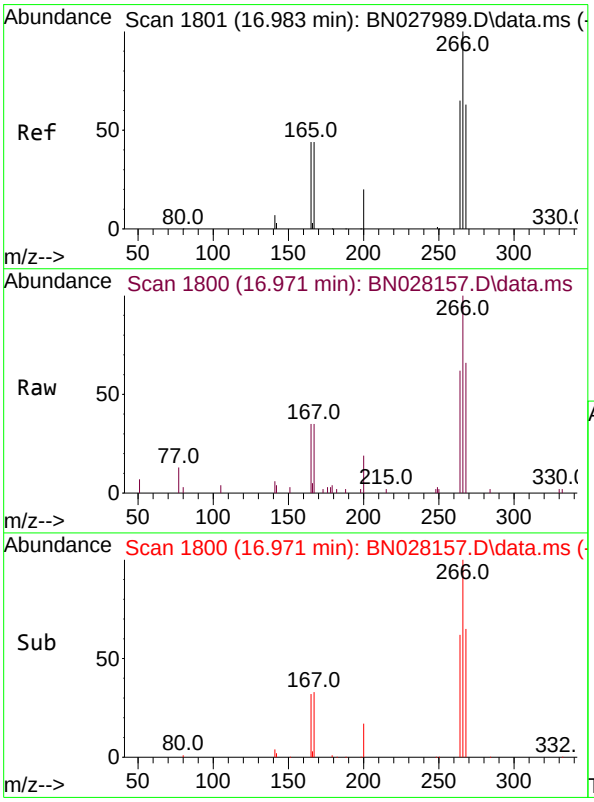
#23
Atrazine
Concen: 0.325 ng
RT: 16.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:200 Resp: 1463

Ion	Ratio	Lower	Upper
200	100		
173	33.4	24.7	37.1
215	50.4	39.0	58.6

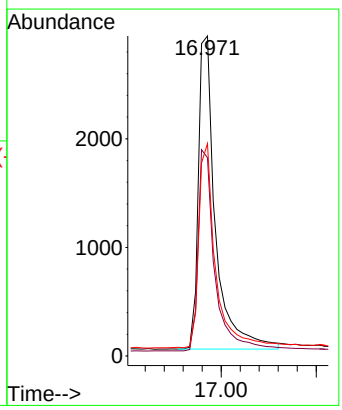


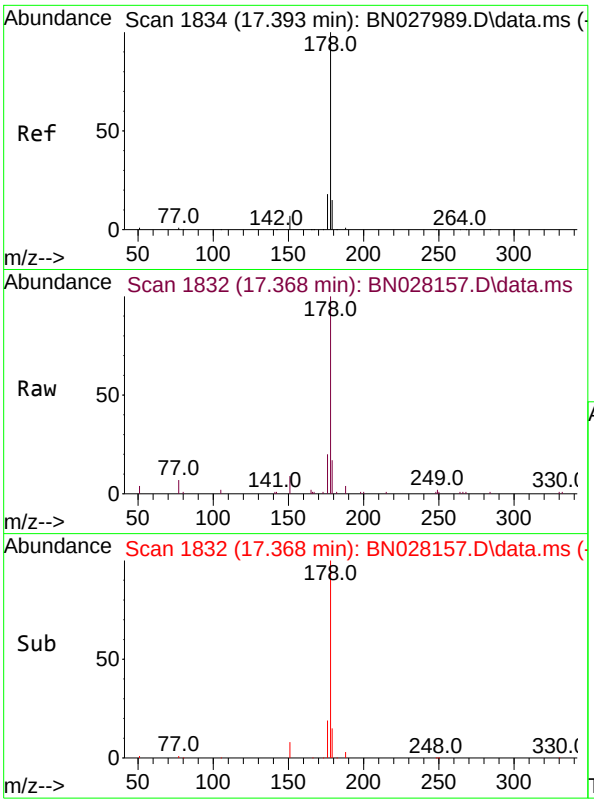


#24
Pentachlorophenol
Concen: 2.841 ng
RT: 16.971 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:266 Resp: 7233

Ion	Ratio	Lower	Upper
266	100		
264	63.1	52.7	79.1
268	63.8	56.2	84.2



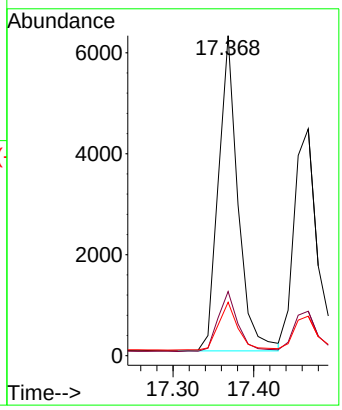


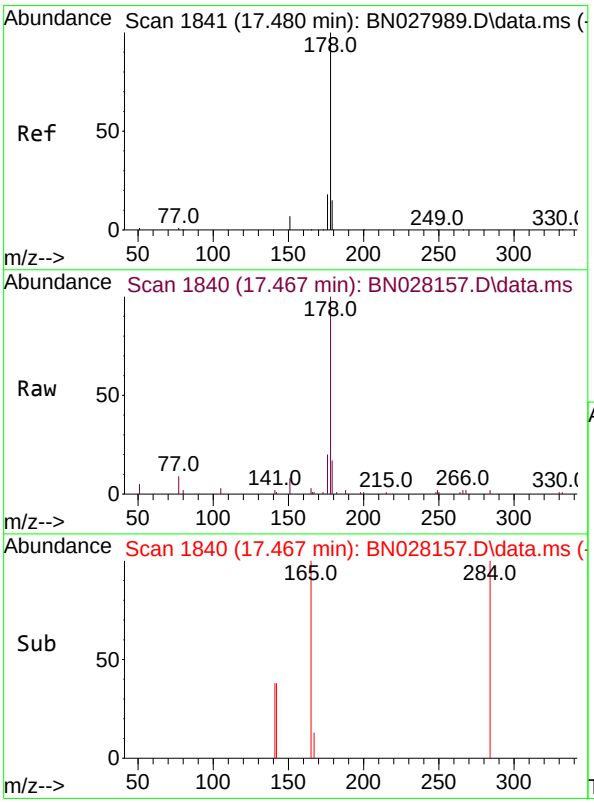
#25
Phenanthrene
Concen: 0.395 ng
RT: 17.368 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:178 Resp: 10534

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.1	12.4	18.6

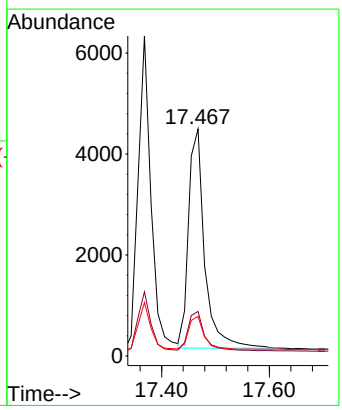


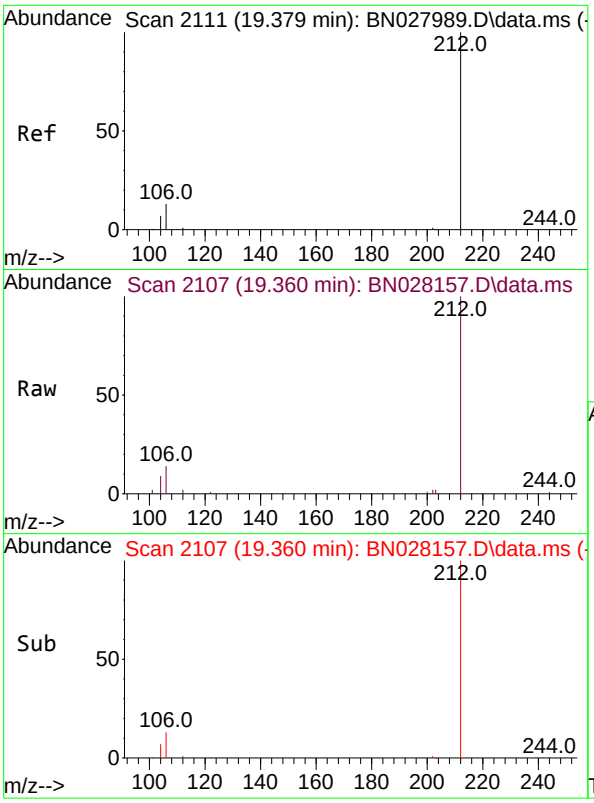


#26
Anthracene
Concen: 0.360 ng
RT: 17.467 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:178 Resp: 9065

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	14.4	12.2	18.2



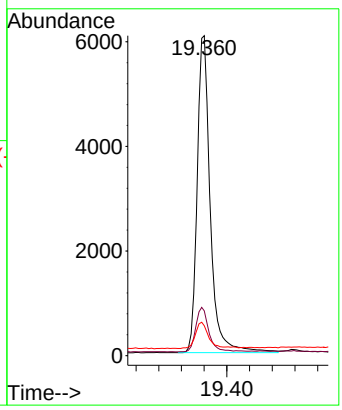


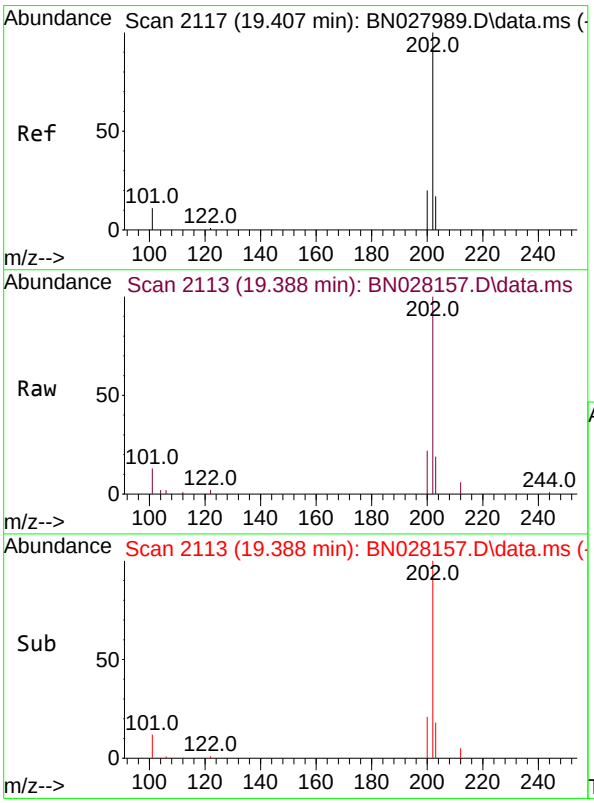
#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.360 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:212 Resp: 9688

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.3	16.9
104	8.2	6.4	9.6

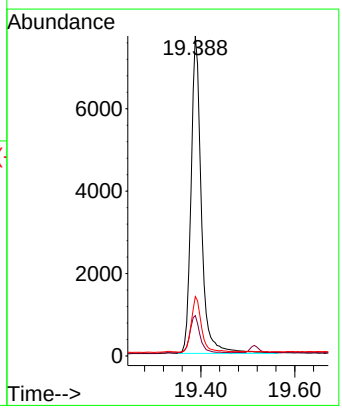


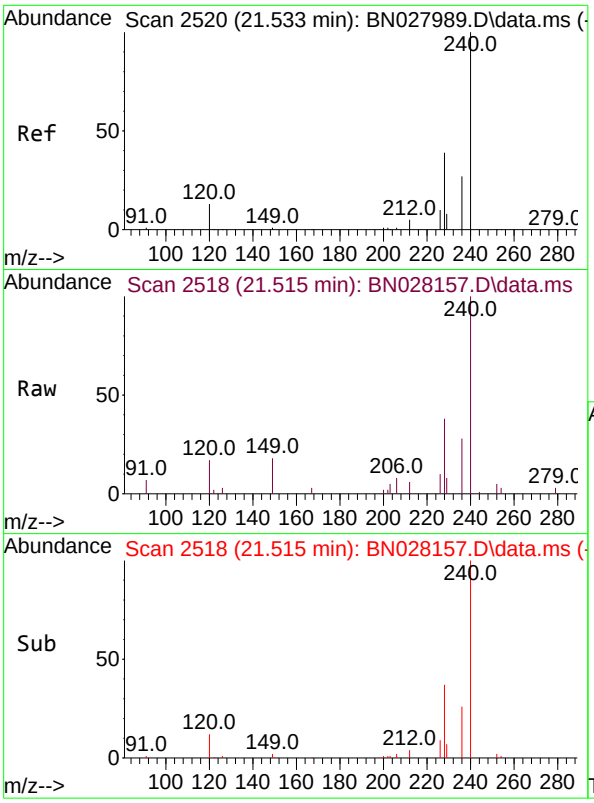


#28
Fluoranthene
Concen: 0.382 ng
RT: 19.388 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:202 Resp: 11738

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	17.1	13.8	20.8



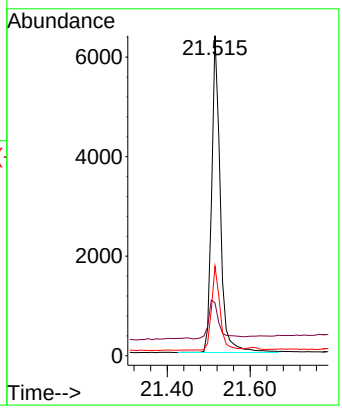


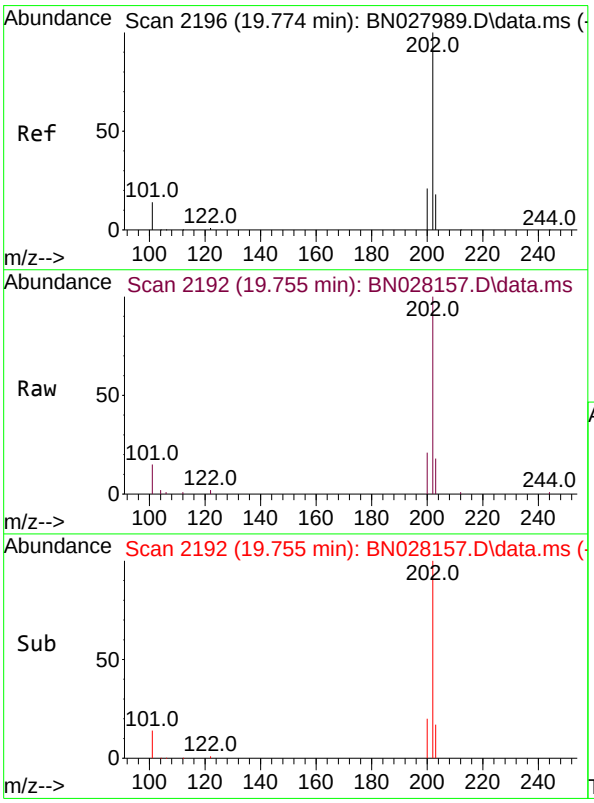
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.515 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:240 Resp: 9167

Ion	Ratio	Lower	Upper
240	100		
120	16.5	13.8	20.6
236	27.9	22.6	33.8

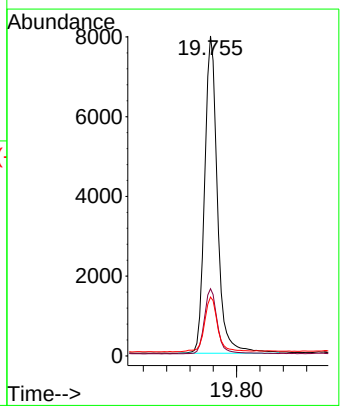


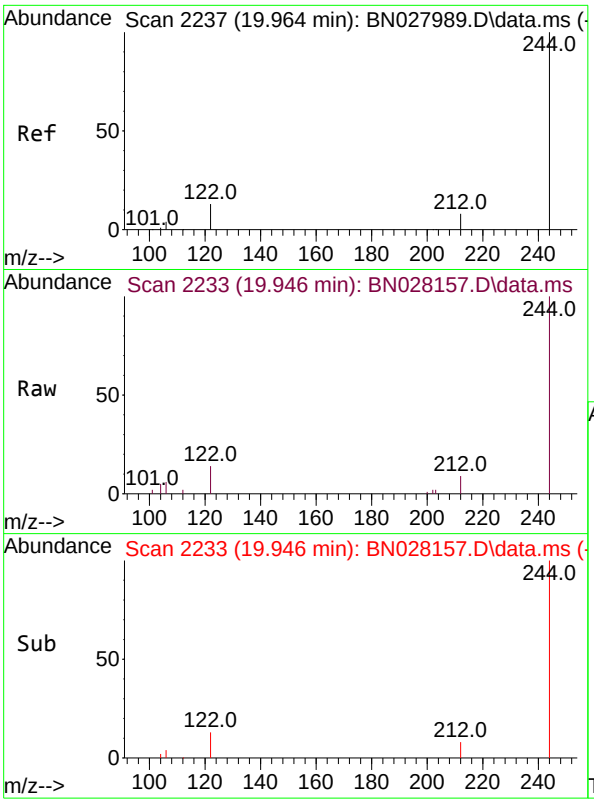


#30
Pyrene
Concen: 0.362 ng
RT: 19.755 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:202 Resp: 12177

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.6	14.7	22.1



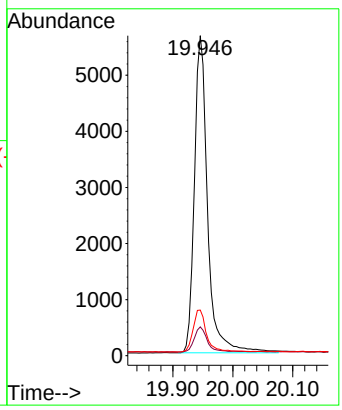


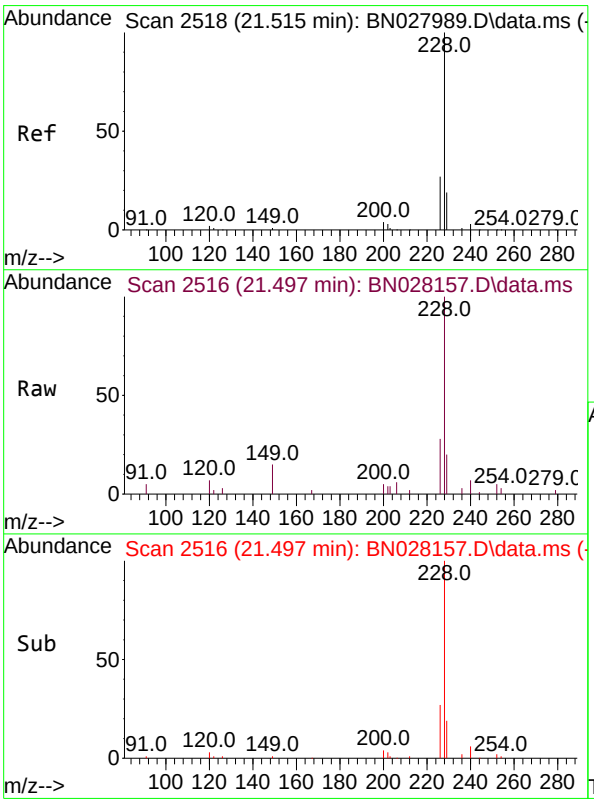
#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.946 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:244 Resp: 8665

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	9.8
122	14.2	11.4	17.0

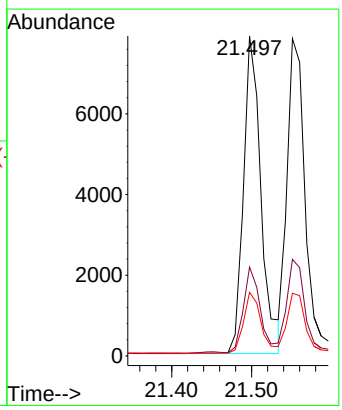


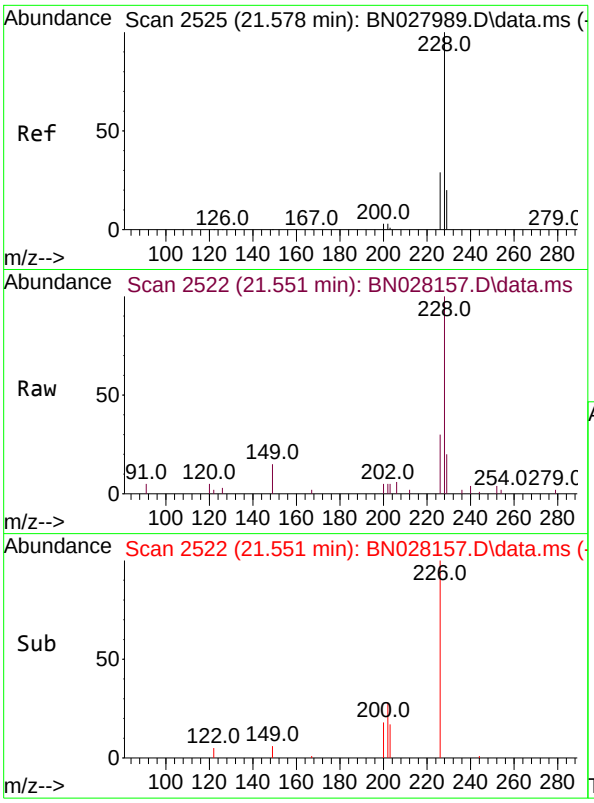


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.497 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:228 Resp: 11958

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.9	16.0	24.0



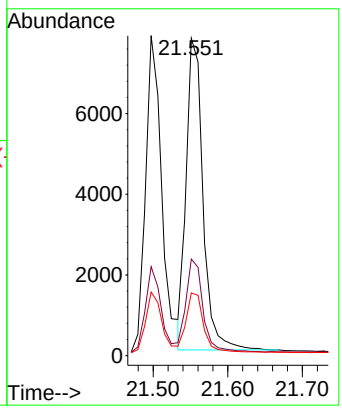


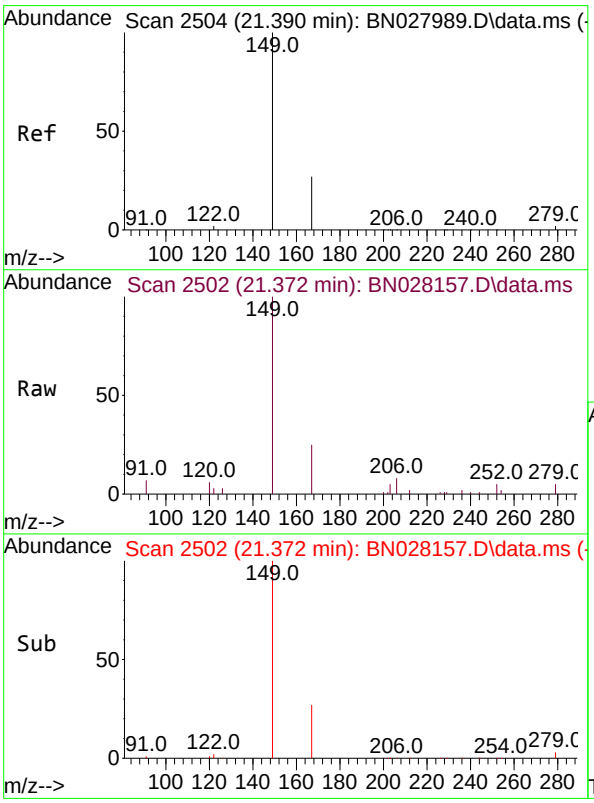
#33
Chrysene
Concen: 0.403 ng
RT: 21.551 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:228 Resp: 12105

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	19.8	16.6	25.0

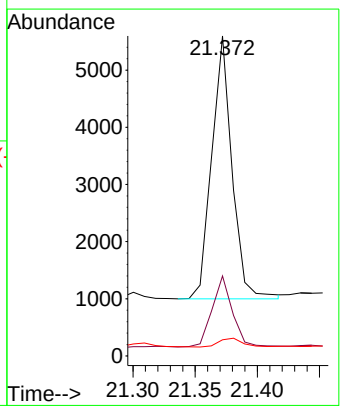


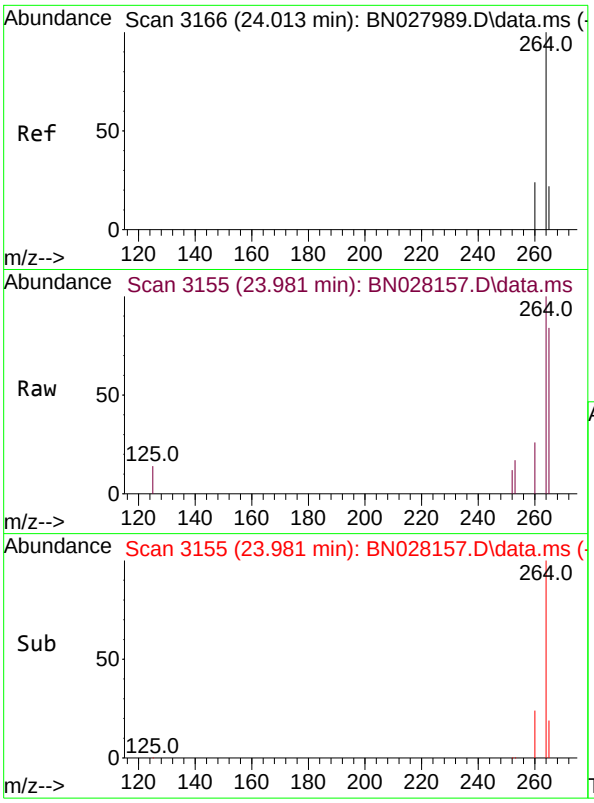


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.255 ng
RT: 21.372 min Scan# 2502
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:149 Resp: 5222

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.0	3.4	5.0



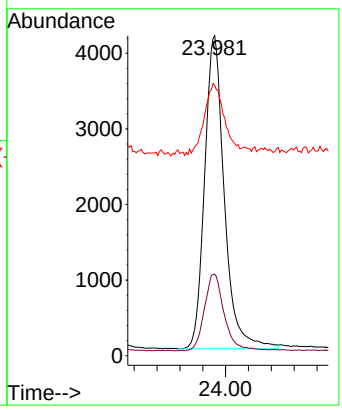


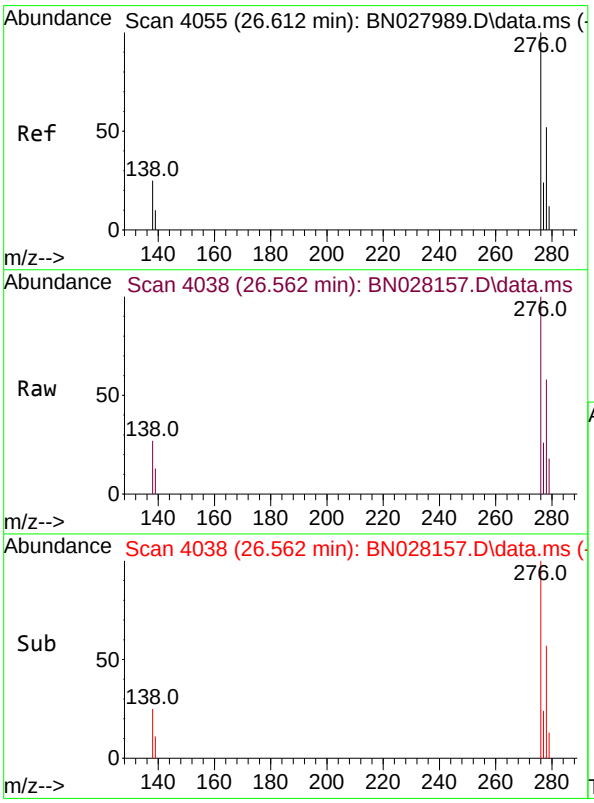
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.981 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:264 Resp: 9927

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.4
265	84.5	54.8	82.2#

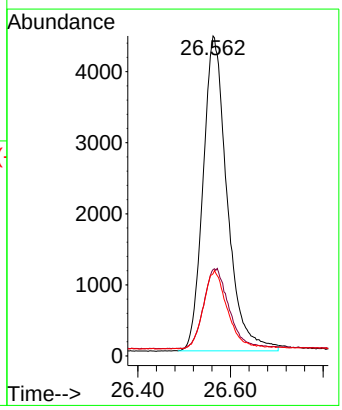


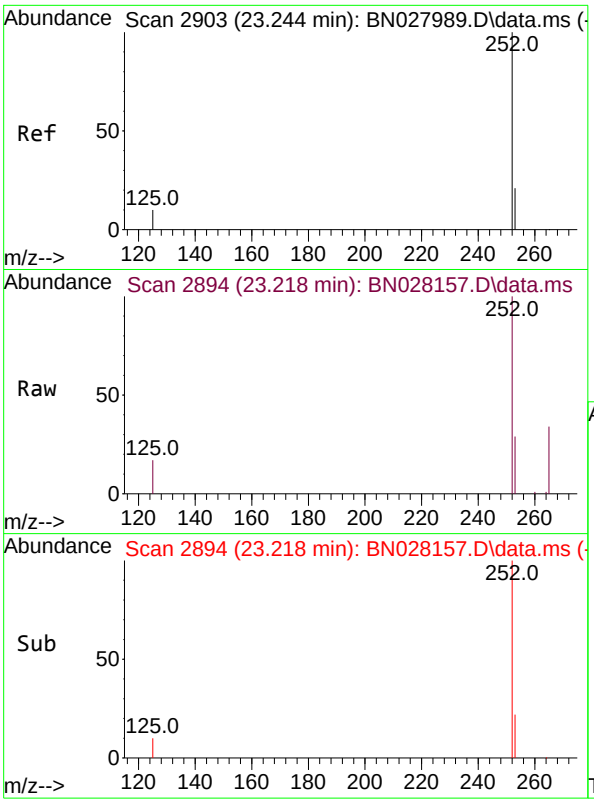


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.479 ng
RT: 26.562 min Scan# 4038
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:276 Resp: 15992

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.9	31.3
277	24.5	19.8	29.6



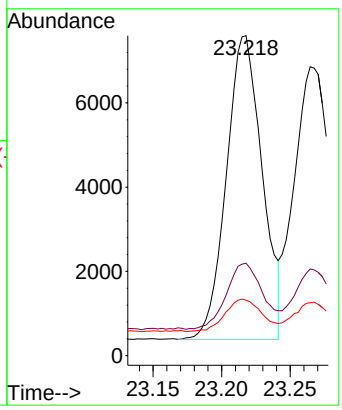


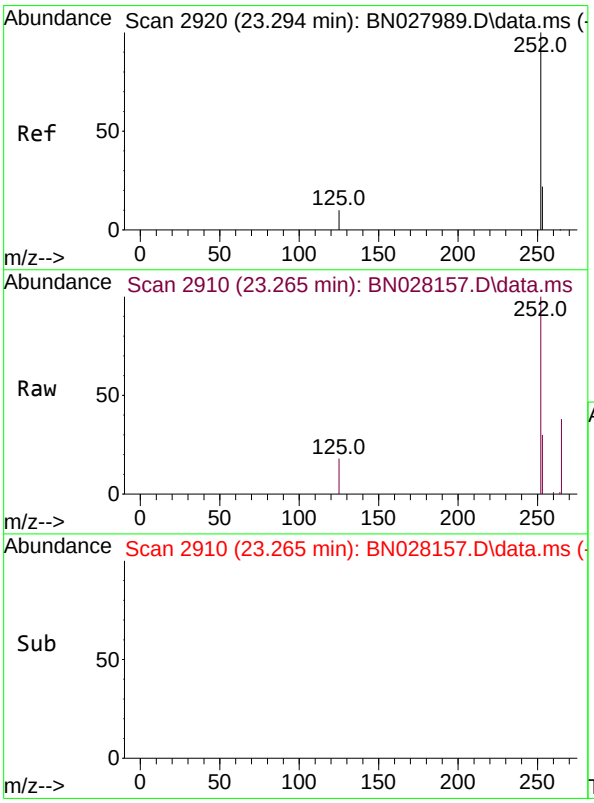
#37
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.218 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:252 Resp: 13072

Ion	Ratio	Lower	Upper
252	100		
253	28.9	22.9	34.3
125	17.3	13.8	20.8

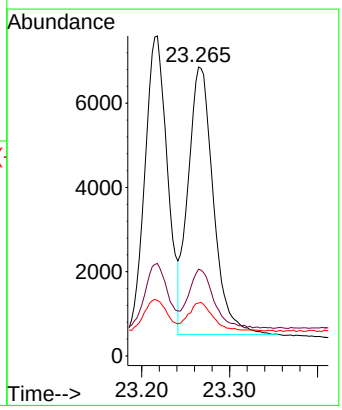


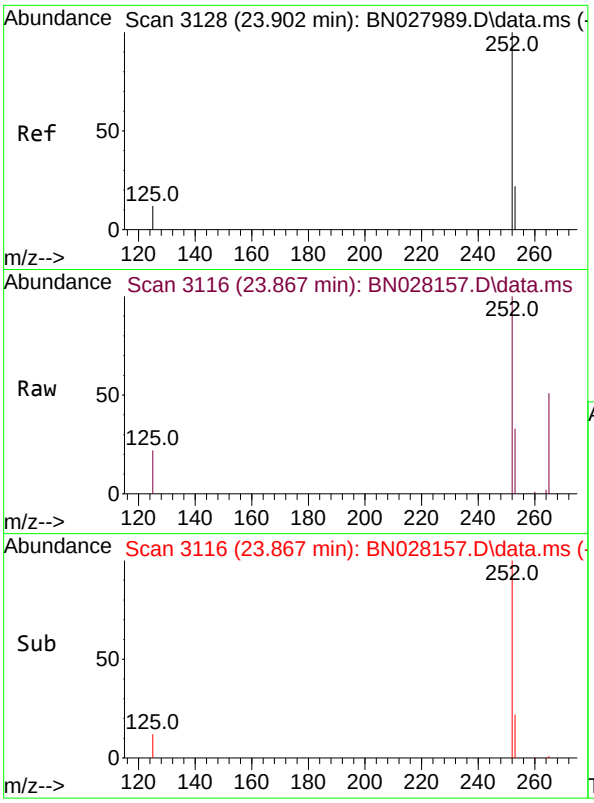


#38
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.265 min Scan# 2910
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:252 Resp: 12671

Ion	Ratio	Lower	Upper
252	100		
253	30.0	23.1	34.7
125	18.3	13.8	20.8



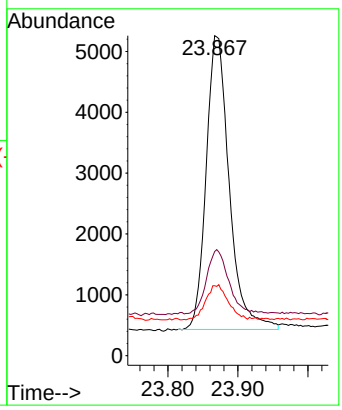


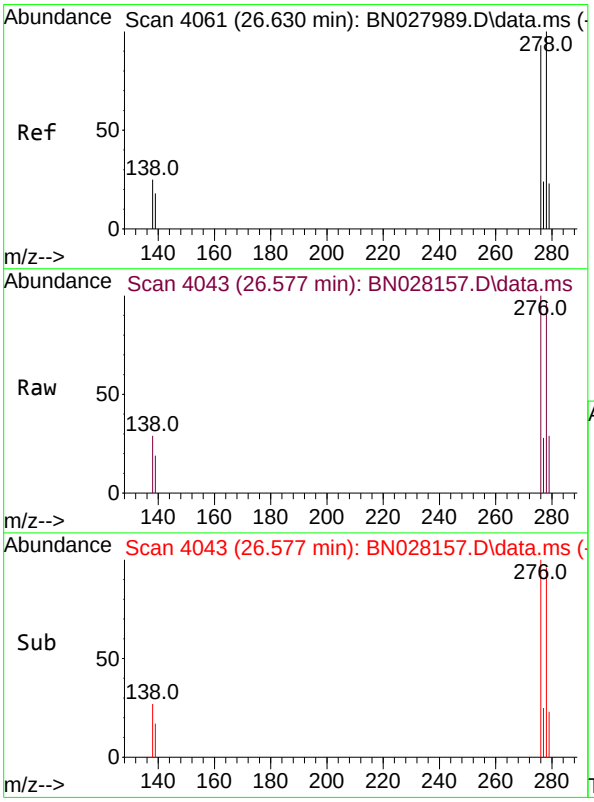
#39
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.867 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:252 Resp: 11079

Ion	Ratio	Lower	Upper
252	100		
253	32.6	25.0	37.4
125	21.8	16.6	24.8

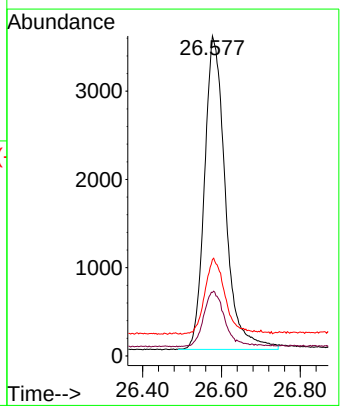


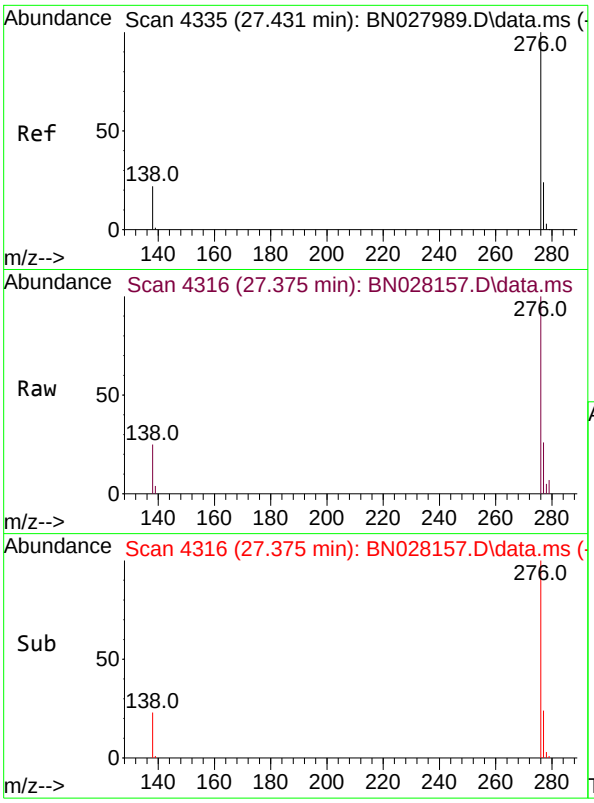


#40
Dibenzo(a,h)anthracene
Concen: 0.477 ng
RT: 26.577 min Scan# 4043
Delta R.T. -0.003 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Tgt Ion:278 Resp: 13043

Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.7	26.5
279	30.2	25.2	37.8





#41
Benzo(g,h,i)perylene
Concen: 0.489 ng
RT: 27.375 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN028157.D
Acq: 09 Oct 2023 12:45

Instrument :
BNA_N
ClientSampleId :
PB155839BS

Tgt Ion:276 Resp: 13712

Ion	Ratio	Lower	Upper
276	100		
277	26.1	22.1	33.1
138	25.4	20.8	31.2