Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028163.D
Acq On : 09 Oct 2023 16:23
Operator : MA/JU
Sample : PB155921BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Quant Time: Oct 09 17:11:32 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	4077	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	11498	0.400	ng	# 0.01
13) Acenaphthene-d10	14.566	164	5247	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	9833	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	8912	0.400	ng	0.00
35) Perylene-d12	23.981	264	9645	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	3824	0.314	ng	0.00
5) Phenol-d6	7.091	99	4350	0.283	ng	0.00
8) Nitrobenzene-d5	9.123	82	3692	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.328	152	7285	0.428	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	537	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	8265	0.437	ng	0.00
27) Fluoranthene-d10	19.360	212	9277	0.376	ng	0.00
31) Terphenyl-d14	19.946	244	8289	0.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	1640	0.359	ng	# 68
3) n-Nitrosodimethylamine	3.704	42	2088	0.399	ng	95
6) bis(2-Chloroethyl)ether	7.365	93	4234	0.343	ng	94
9) Naphthalene	10.789	128	11613	0.391	ng	99
10) Hexachlorobutadiene	11.013	225	2113	0.401	ng	# 99
12) 2-Methylnaphthalene	12.404	142	6798	0.327	ng	98
16) Acenaphthylene	14.298	152	8349	0.359	ng	99
17) Acenaphthene	14.630	154	5700	0.385	ng	98
18) Fluorene	15.618	166	6969	0.362	ng	99
20) 4,6-Dinitro-2-methylph...	16.797	198	52	0.398	ng	# 78
21) 4-Bromophenyl-phenylether	16.512	248	1842	0.359	ng	# 84
22) Hexachlorobenzene	16.599	284	2280	0.424	ng	95
23) Atrazine	16.785	200	1415	0.316	ng	97
24) Pentachlorophenol	16.971	266	6756	2.667	ng	94
25) Phenanthrene	17.368	178	10247	0.387	ng	100
26) Anthracene	17.468	178	8602	0.343	ng	99
28) Fluoranthene	19.388	202	11328	0.370	ng	99
30) Pyrene	19.755	202	11768	0.360	ng	99
32) Benzo(a)anthracene	21.497	228	11195	0.369	ng	99
33) Chrysene	21.551	228	11680	0.400	ng	99
34) Bis(2-ethylhexyl)phtha...	21.372	149	4797	0.240	ng	98
36) Indeno(1,2,3-cd)pyrene	26.571	276	15030	0.463	ng	99
37) Benzo(b)fluoranthene	23.218	252	12357	0.397	ng	98
38) Benzo(k)fluoranthene	23.268	252	11741	0.372	ng	98
39) Benzo(a)pyrene	23.873	252	10609	0.360	ng	96
40) Dibenzo(a,h)anthracene	26.586	278	12152	0.458	ng	97
41) Benzo(g,h,i)perylene	27.381	276	12988	0.477	ng	98

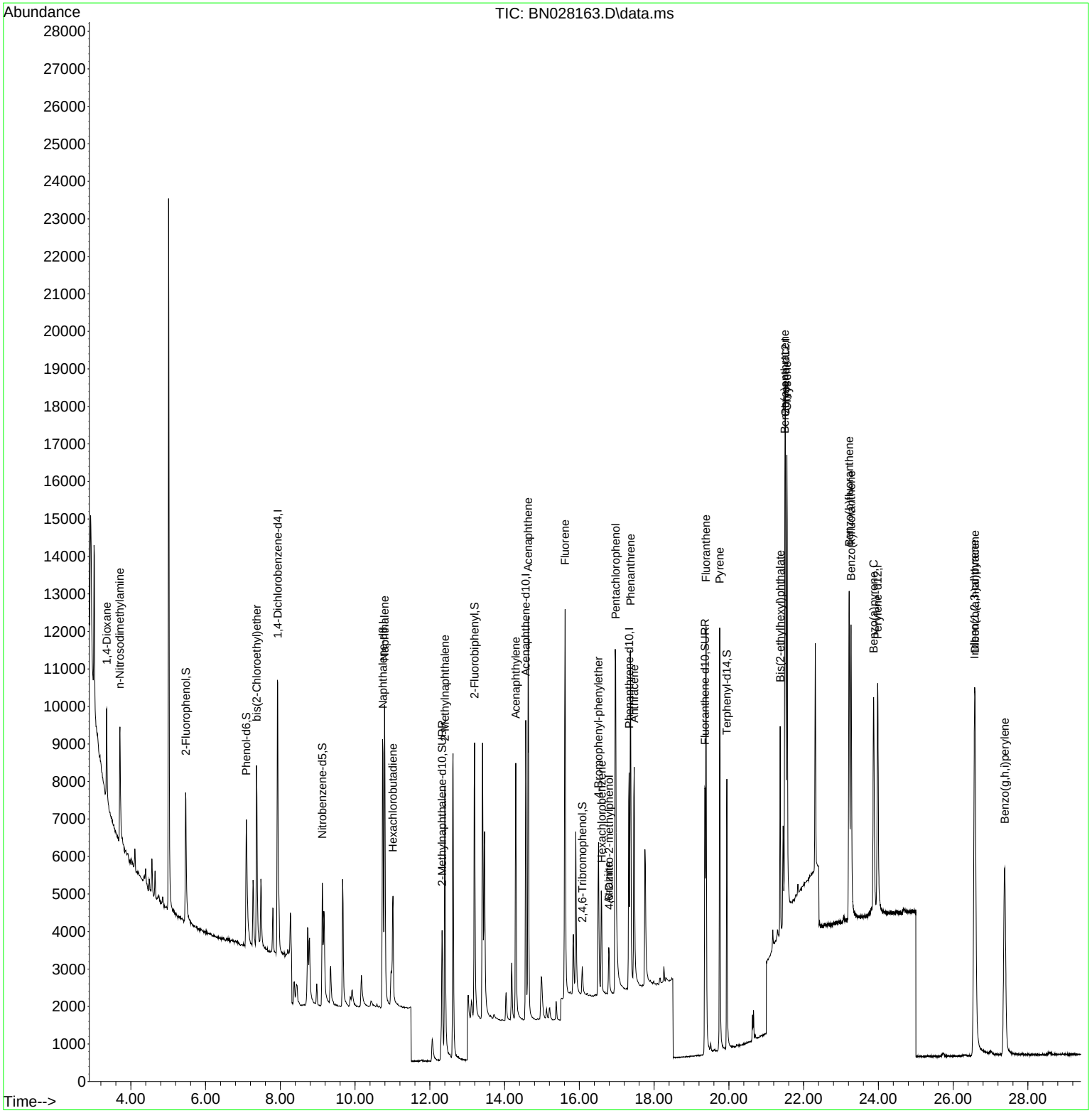
(#) = qualifier out of range (m) = manual integration (+) = signals summed

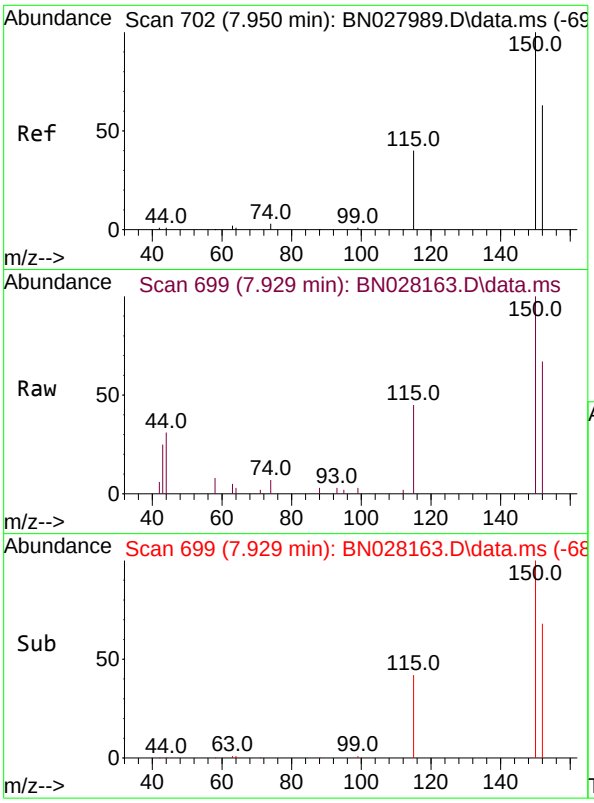
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028163.D
Acq On : 09 Oct 2023 16:23
Operator : MA/JU
Sample : PB155921BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Quant Time: Oct 09 17:11:32 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



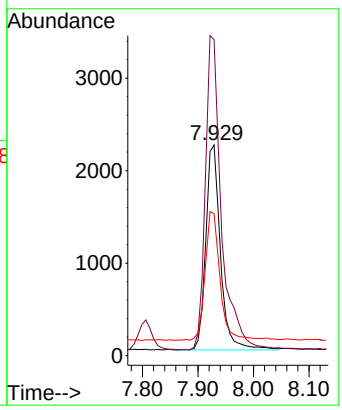


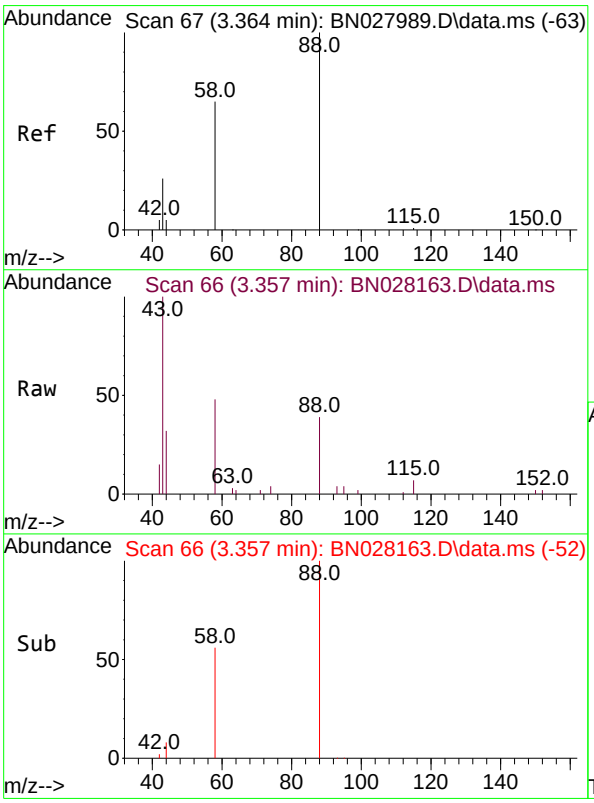
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:152 Resp: 4077

Ion	Ratio	Lower	Upper
152	100		
150	150.0	125.6	188.4
115	67.5	54.8	82.2

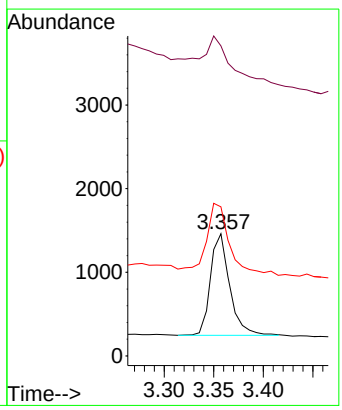


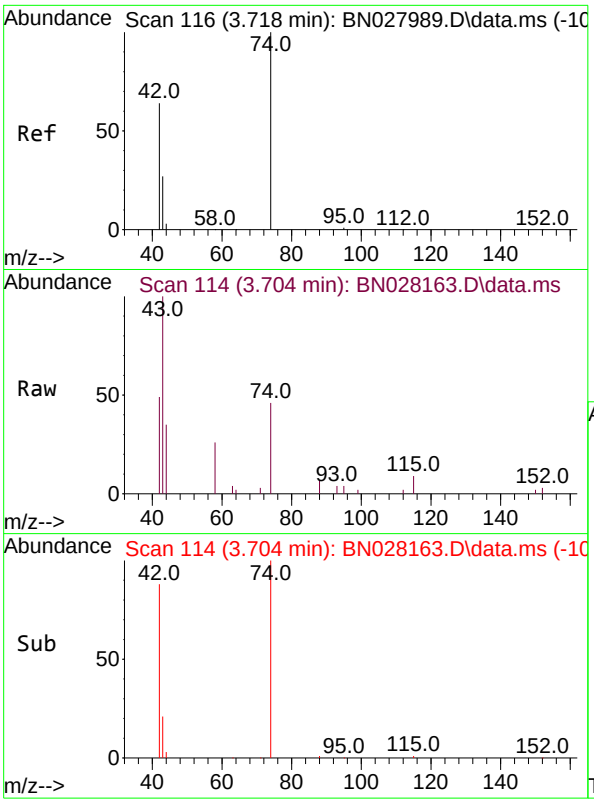


#2
1,4-Dioxane
Concen: 0.359 ng
RT: 3.357 min Scan# 66
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion: 88 Resp: 1640

Ion	Ratio	Lower	Upper
88	100		
43	59.0	24.6	36.8#
58	85.1	53.8	80.6#



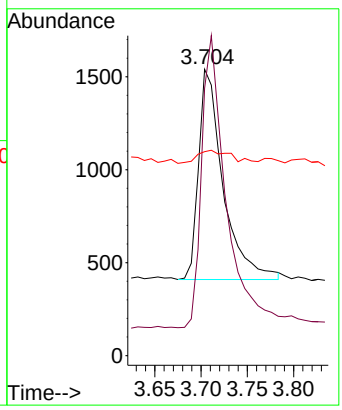


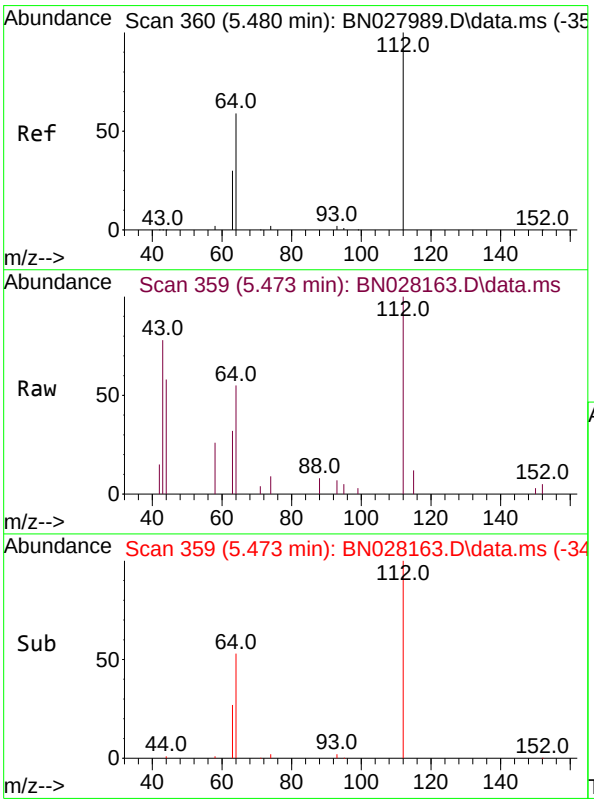
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.704 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion: 42 Resp: 2088

Ion	Ratio	Lower	Upper
42	100		
74	138.7	115.9	173.9
44	8.7	8.0	12.0

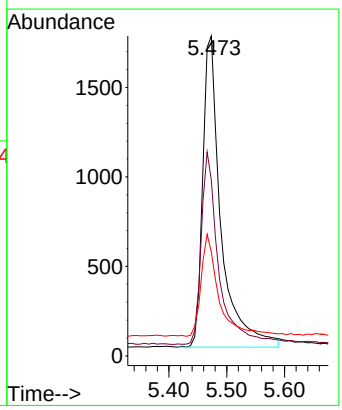


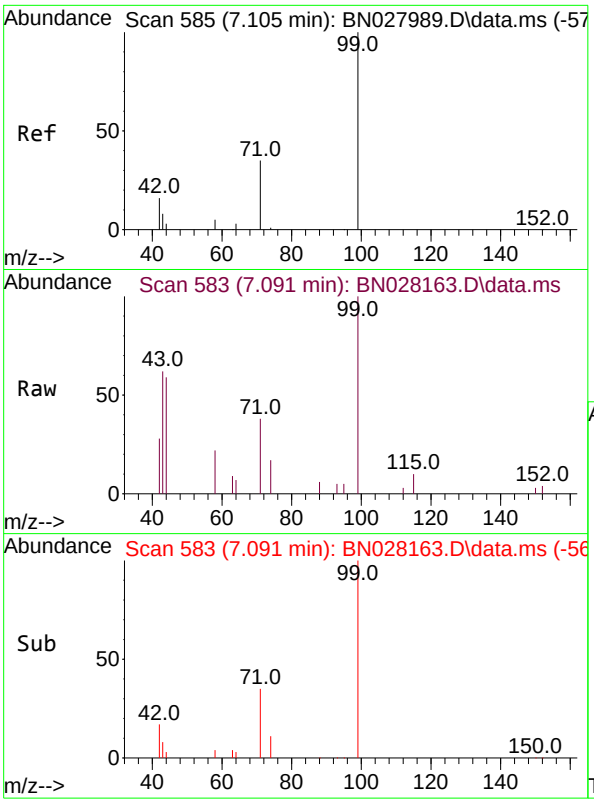


#4
2-Fluorophenol
Concen: 0.314 ng
RT: 5.473 min Scan# 359
Delta R.T. 0.007 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:112 Resp: 3824

Ion	Ratio	Lower	Upper
112	100		
64	59.5	45.0	67.6
63	31.9	23.4	35.0



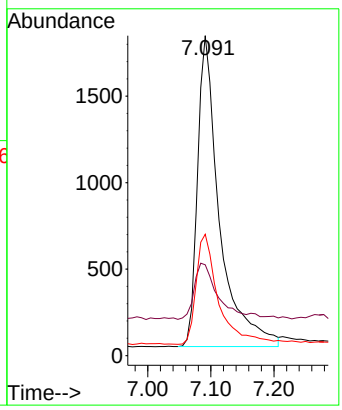


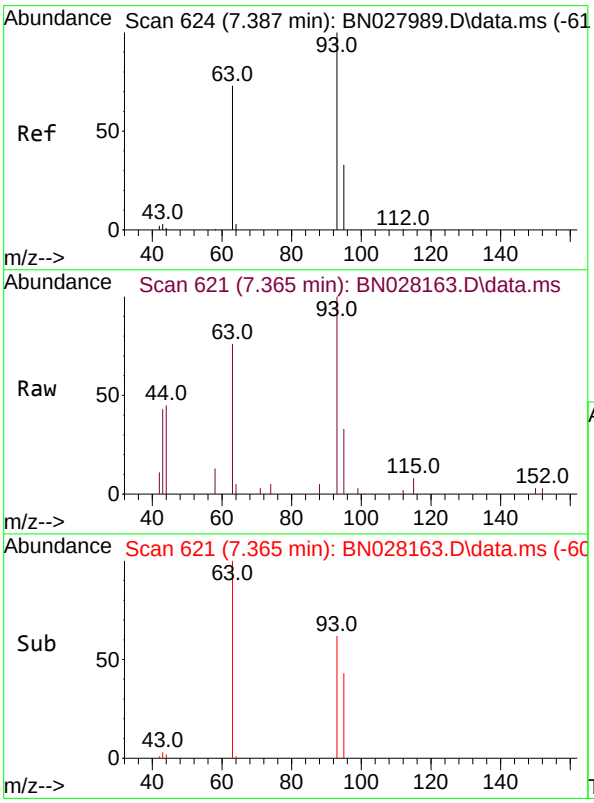
#5
Phenol-d6
Concen: 0.283 ng
RT: 7.091 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion: 99 Resp: 4350

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.6	22.0
71	36.3	28.3	42.5

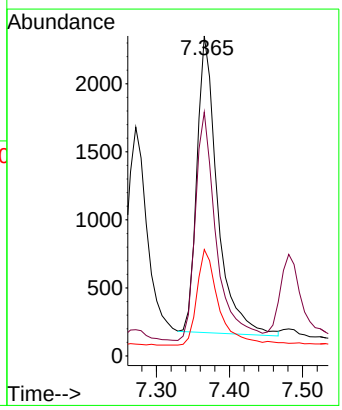


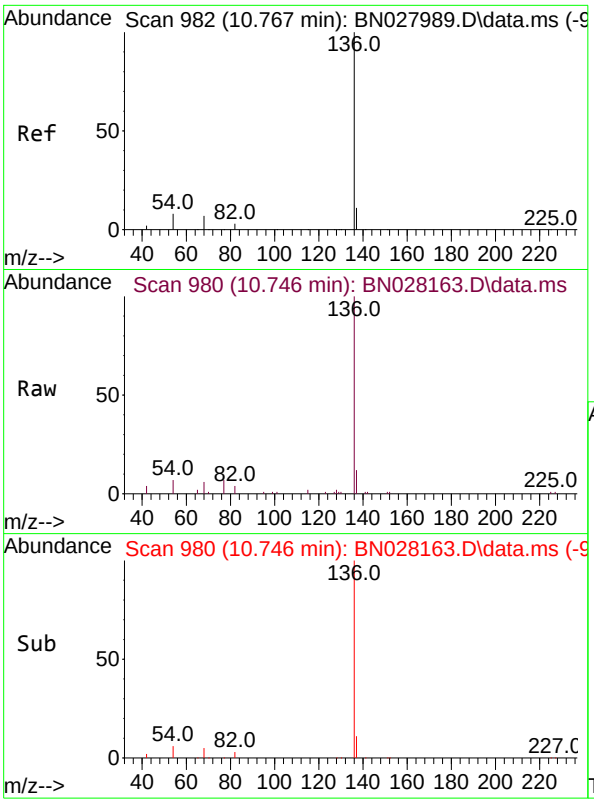


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 7.365 min Scan# 621
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion: 93 Resp: 4234

Ion	Ratio	Lower	Upper
93	100		
63	79.0	58.8	88.2
95	35.4	26.6	39.8



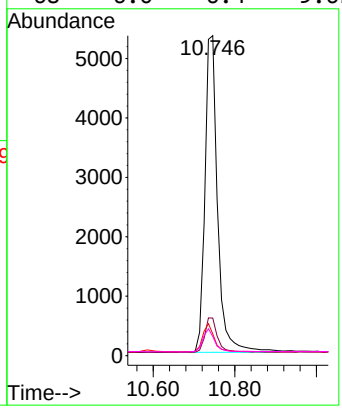


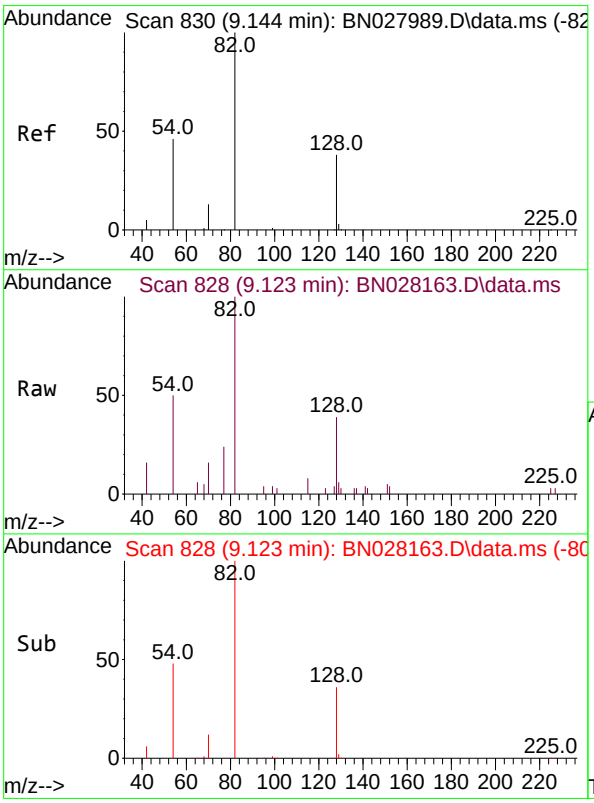
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:136 Resp: 11498

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	6.8	7.0	10.6#
68	6.0	6.4	9.6#

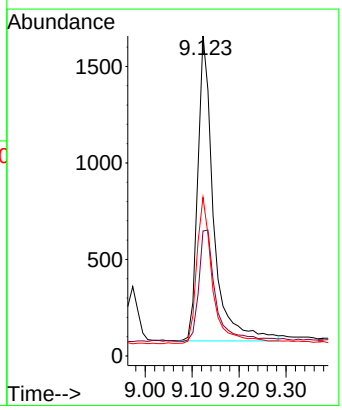


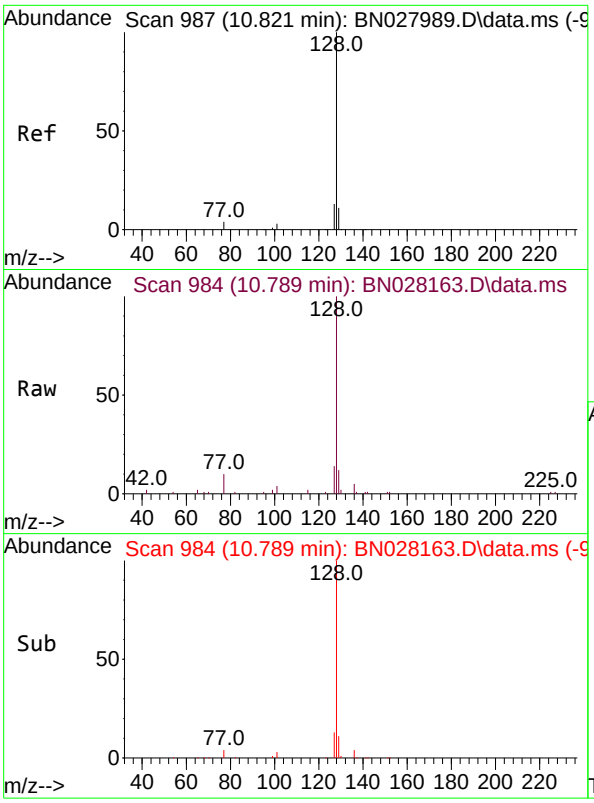


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion: 82 Resp: 3692

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.7	49.1
54	49.6	38.7	58.1



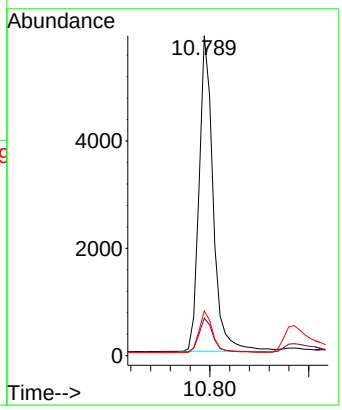


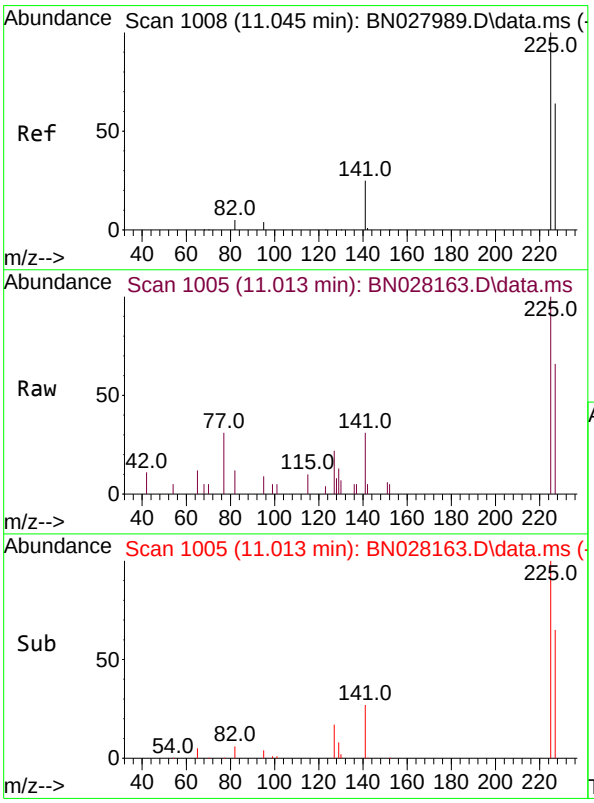
#9
Naphthalene
Concen: 0.391 ng
RT: 10.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:128 Resp: 11613

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.0	10.9	16.3

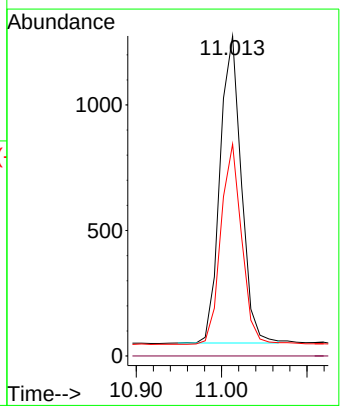


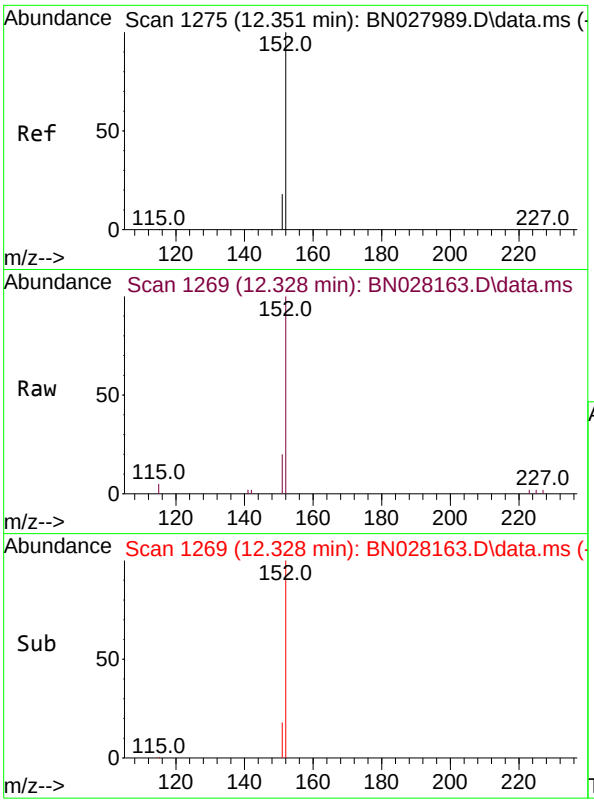


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 11.013 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:225 Resp: 2113

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.3	76.9



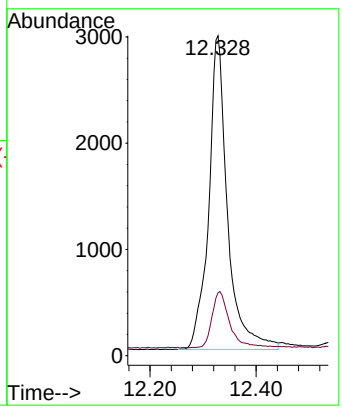


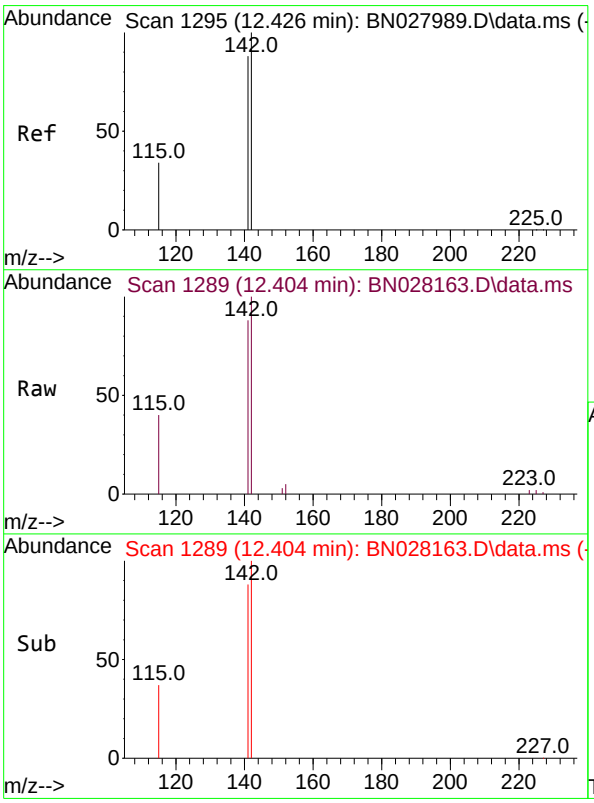
#11
2-Methylnaphthalene-d10
Concen: 0.428 ng
RT: 12.328 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:152 Resp: 7285

Ion	Ratio	Lower	Upper
152	100		
151	16.9	16.5	24.7

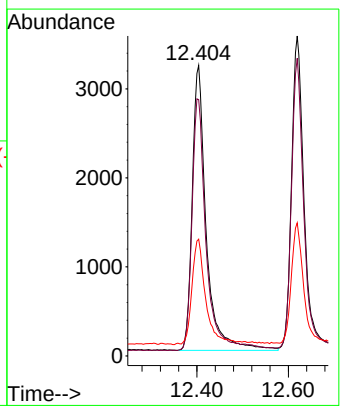


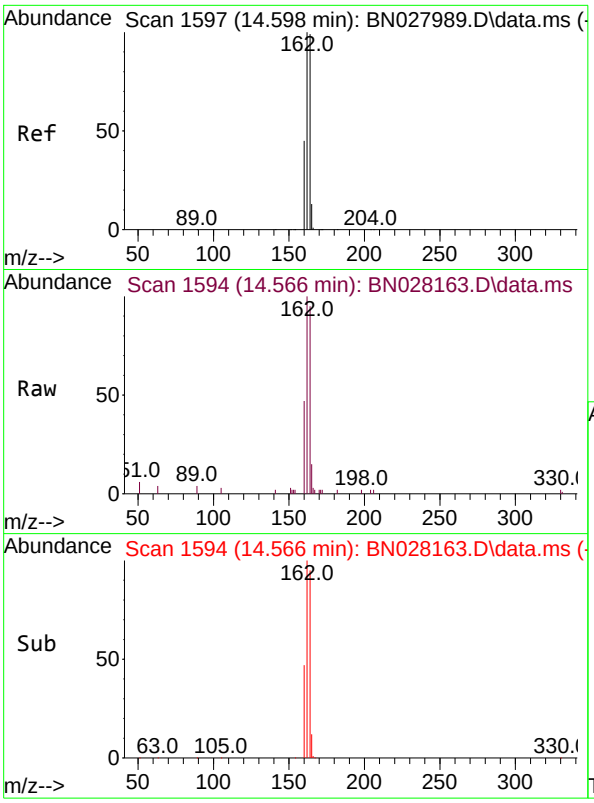


#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.404 min Scan# 1289
Delta R.T. 0.004 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:142 Resp: 6798

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.7	106.1
115	40.2	28.6	42.8



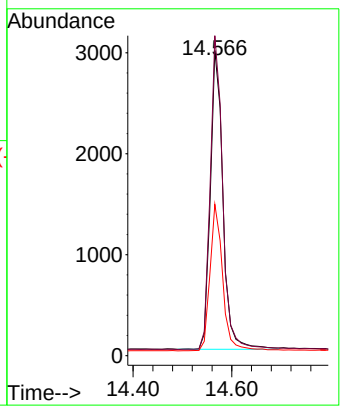


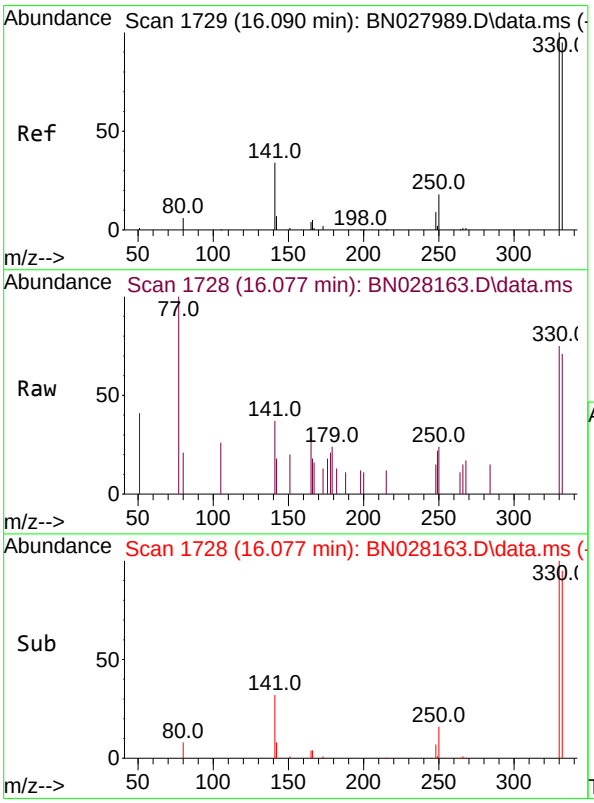
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:164 Resp: 5247

Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.8	121.2
160	49.6	36.4	54.6

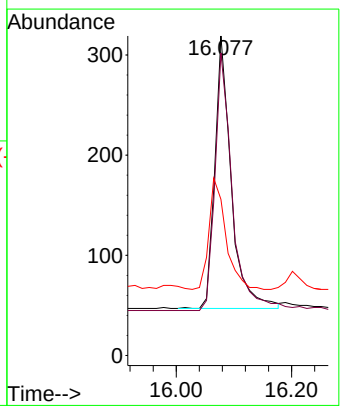


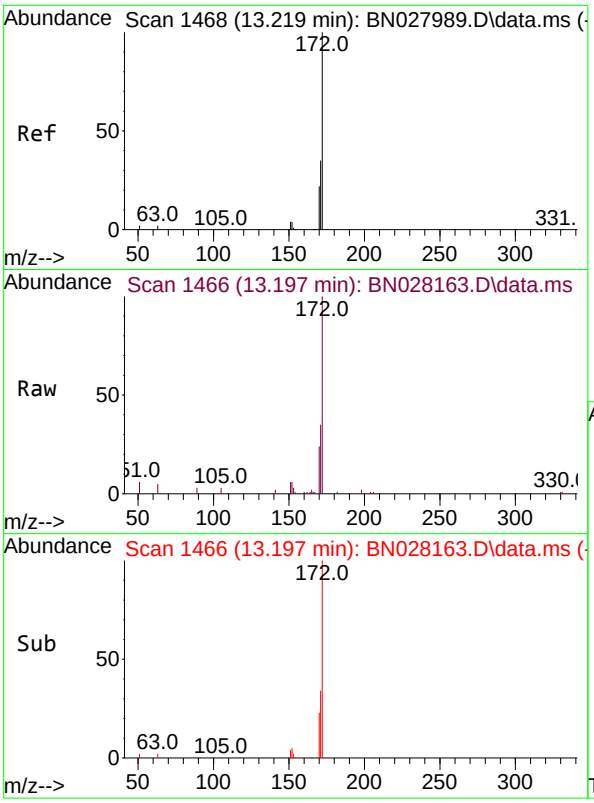


#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 16.077 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:330 Resp: 537

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.1	117.1
141	42.1	33.4	50.2



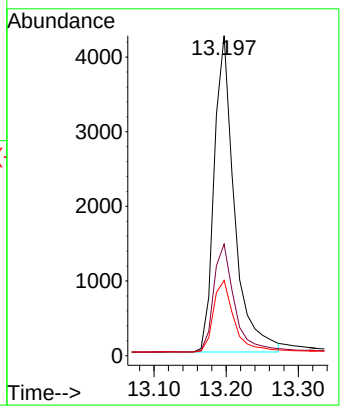


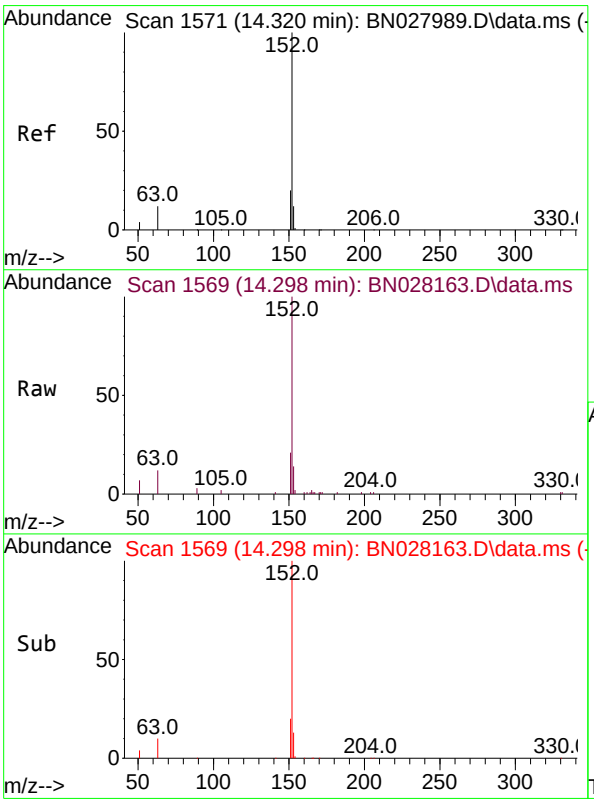
#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.197 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:172 Resp: 8265

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.5	18.4	27.6

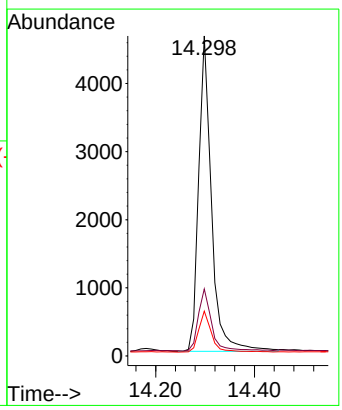


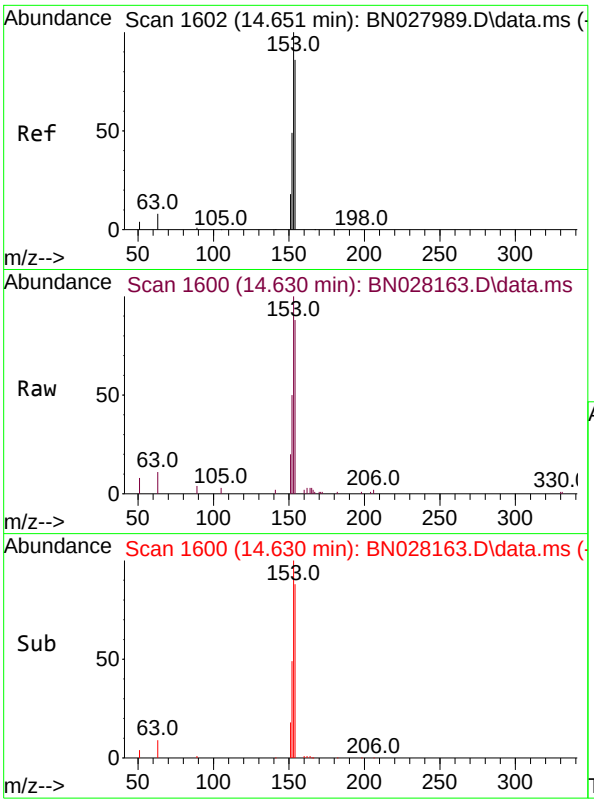


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.298 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:152 Resp: 8349

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.6
153	13.0	10.2	15.4



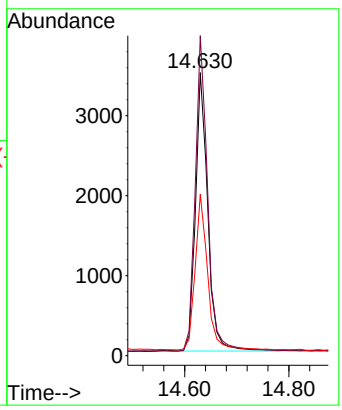


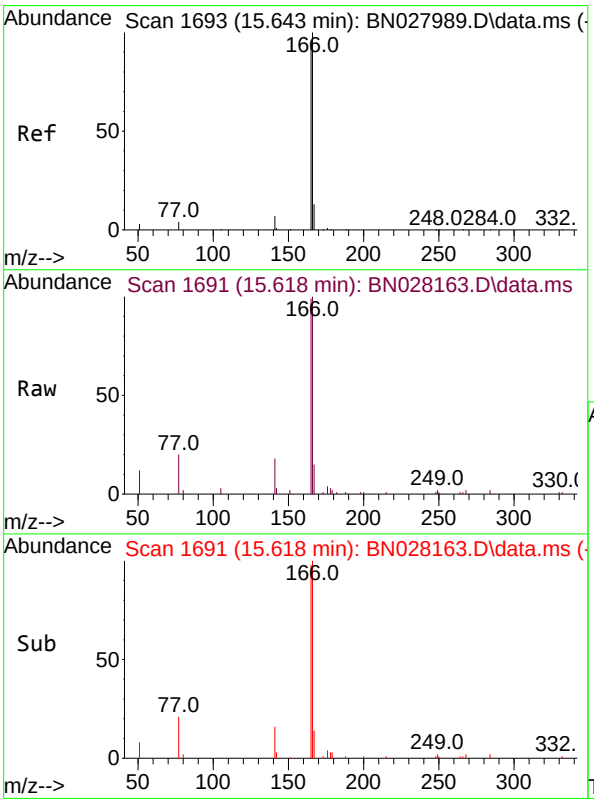
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.630 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:154 Resp: 5700

Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.8	136.2
152	56.9	43.9	65.9

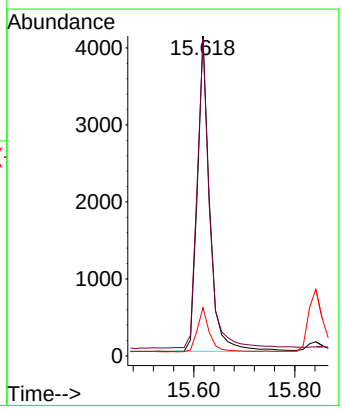


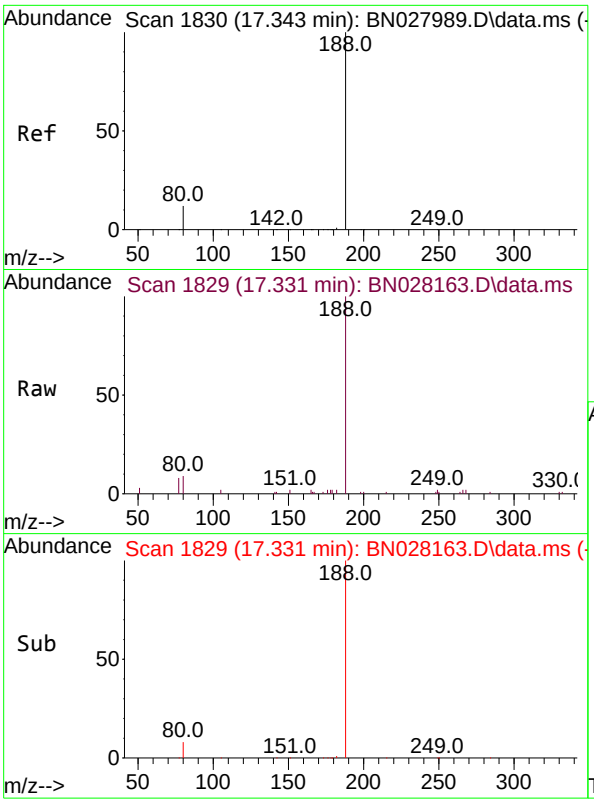


#18
Fluorene
Concen: 0.362 ng
RT: 15.618 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:166 Resp: 6969

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	14.0	10.7	16.1



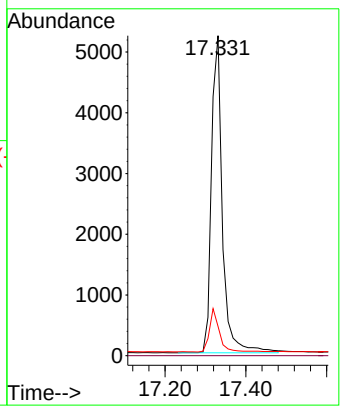


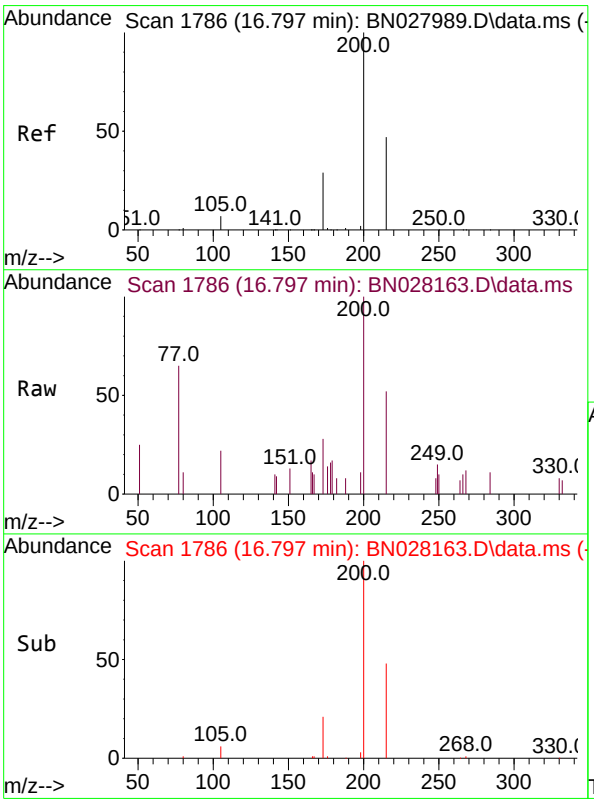
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:188 Resp: 9833

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	10.2	15.4#

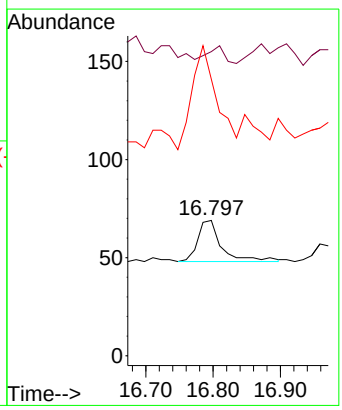


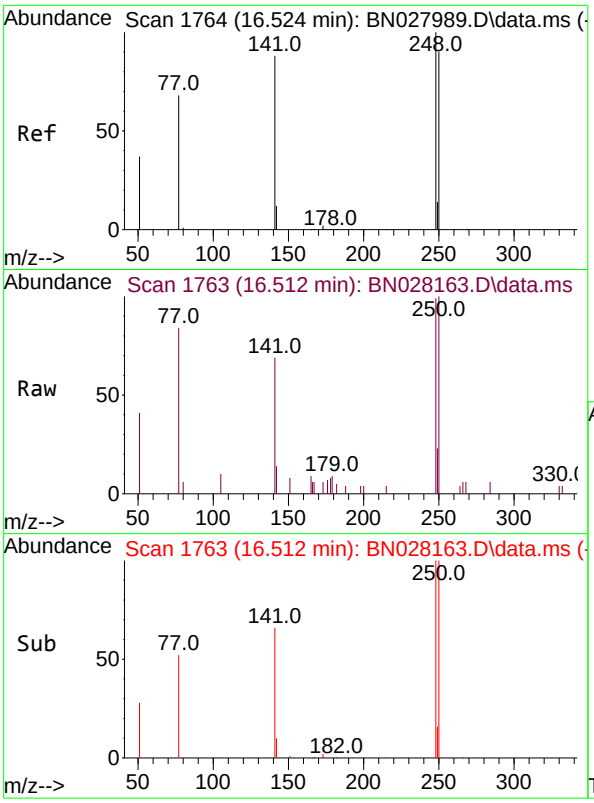


#20
4,6-Dinitro-2-methylphenol
Concen: 0.398 ng
RT: 16.797 min Scan# 1786
Delta R.T. 0.012 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:198 Resp: 52

Ion	Ratio	Lower	Upper
198	100		
51	224.6	180.7	271.1
105	204.3	222.2	333.2#



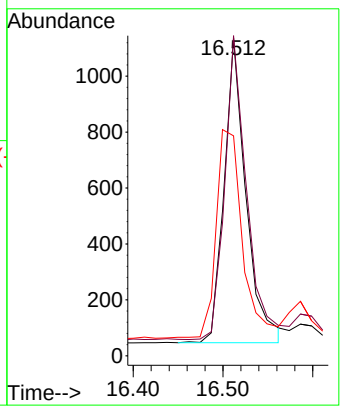


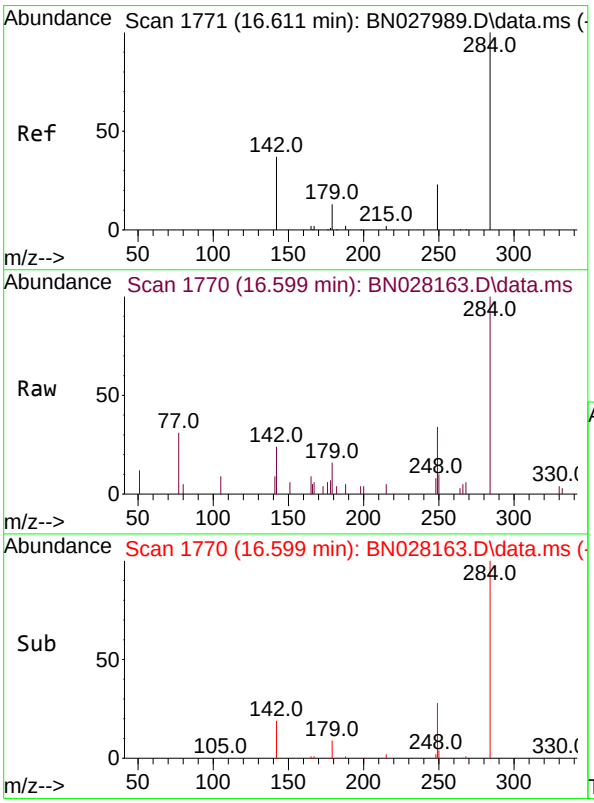
#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.512 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:248 Resp: 1842

Ion	Ratio	Lower	Upper
248	100		
250	100.7	72.3	108.5
141	69.2	71.8	107.6#

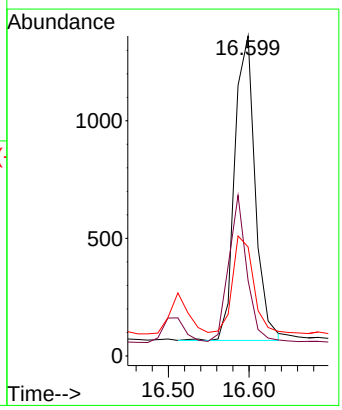


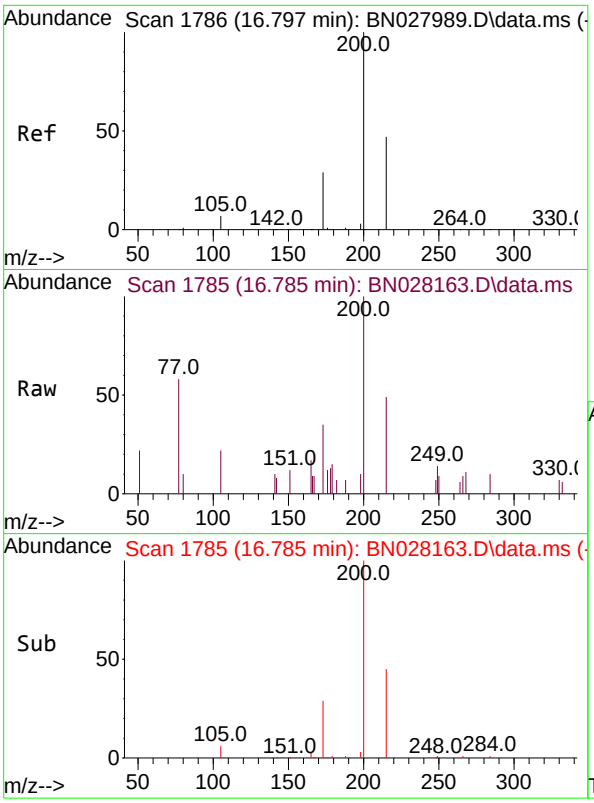


#22
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.599 min Scan# 1770
Delta R.T. 0.012 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:284 Resp: 2280

Ion	Ratio	Lower	Upper
284	100		
142	42.4	29.9	44.9
249	31.8	25.0	37.4



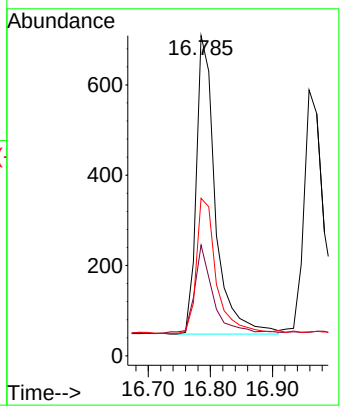


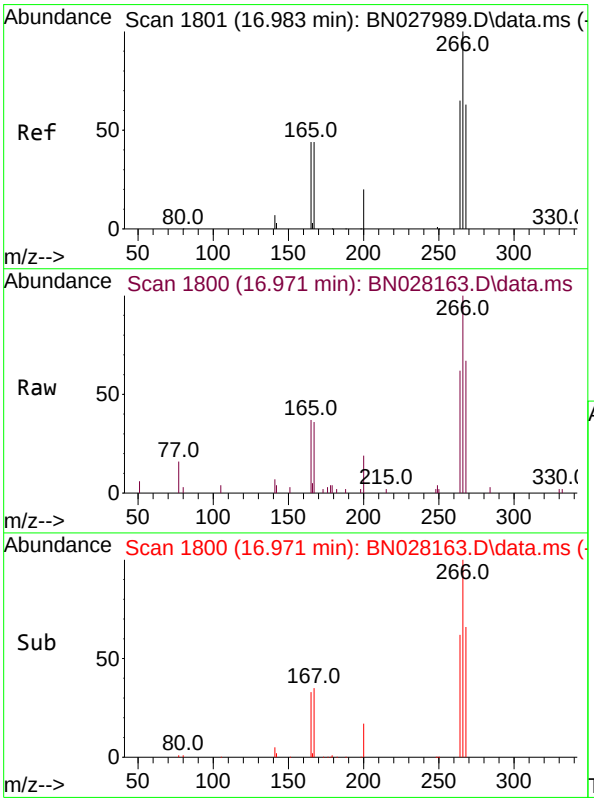
#23
Atrazine
Concen: 0.316 ng
RT: 16.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:200 Resp: 1415

Ion	Ratio	Lower	Upper
200	100		
173	34.6	24.7	37.1
215	49.2	39.0	58.6

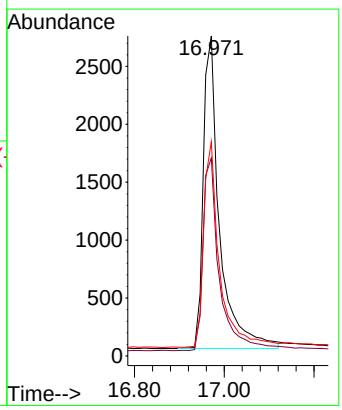


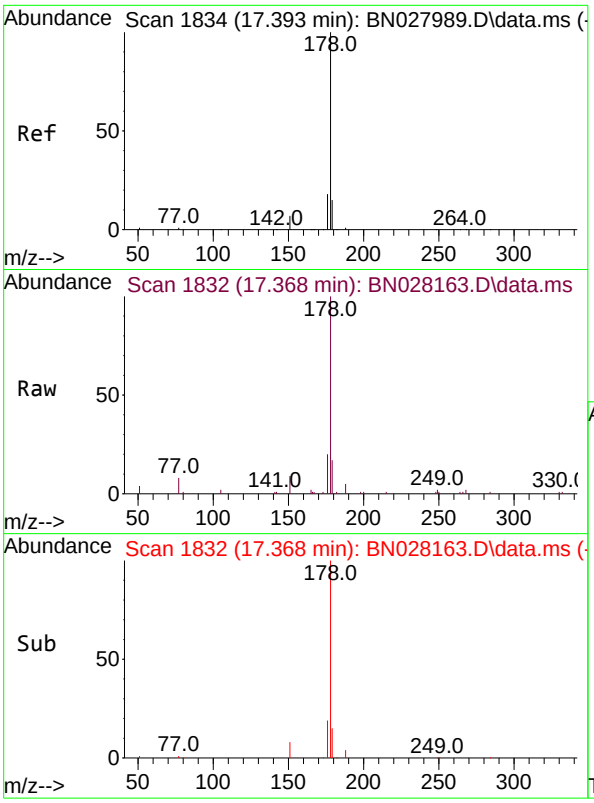


#24
Pentachlorophenol
Concen: 2.667 ng
RT: 16.971 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:266 Resp: 6756

Ion	Ratio	Lower	Upper
266	100		
264	62.1	52.7	79.1
268	64.6	56.2	84.2



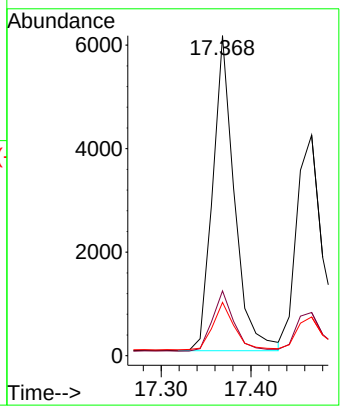


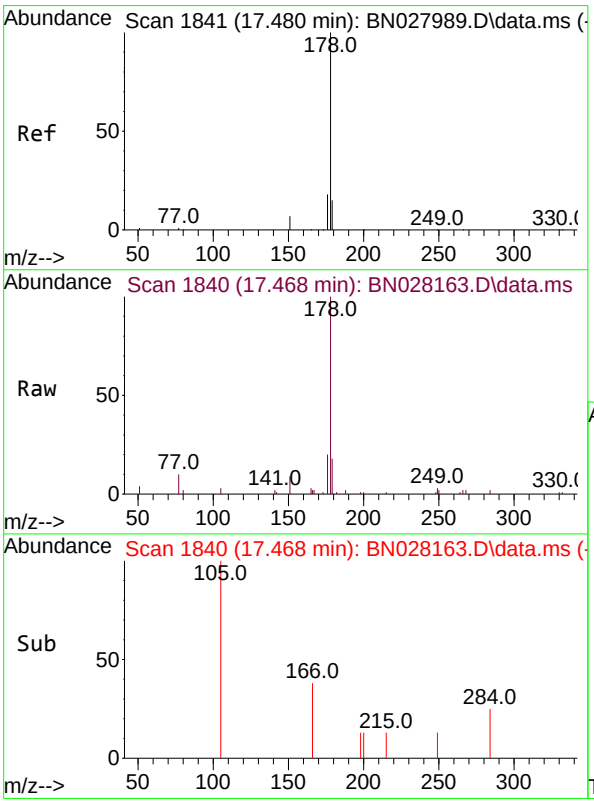
#25
Phenanthrene
Concen: 0.387 ng
RT: 17.368 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:178 Resp: 10247

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.4	18.6

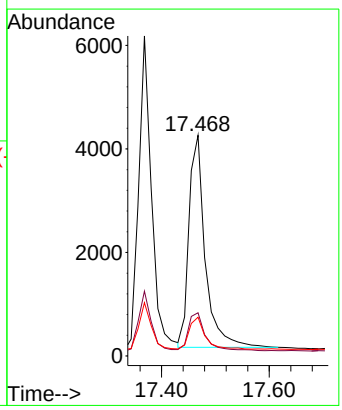


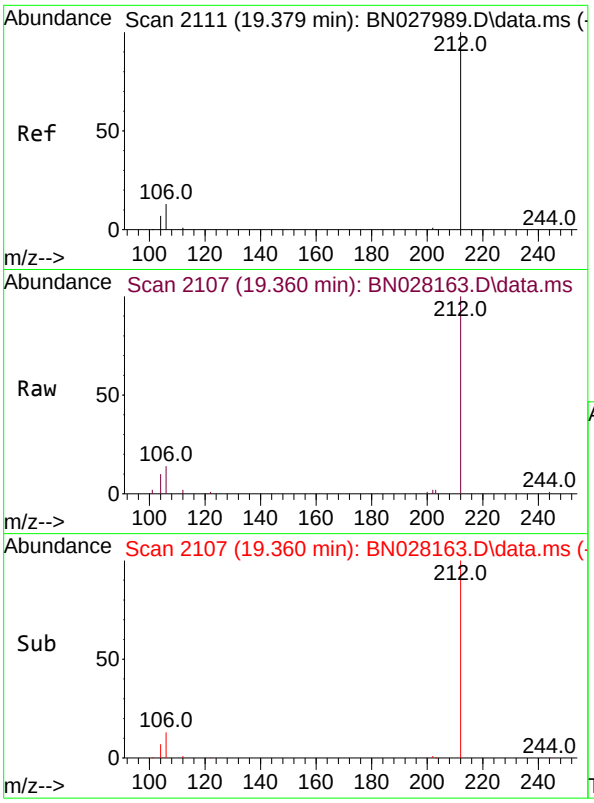


#26
Anthracene
Concen: 0.343 ng
RT: 17.468 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:178 Resp: 8602

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	14.6	12.2	18.2



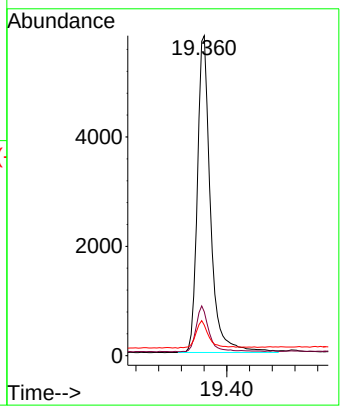


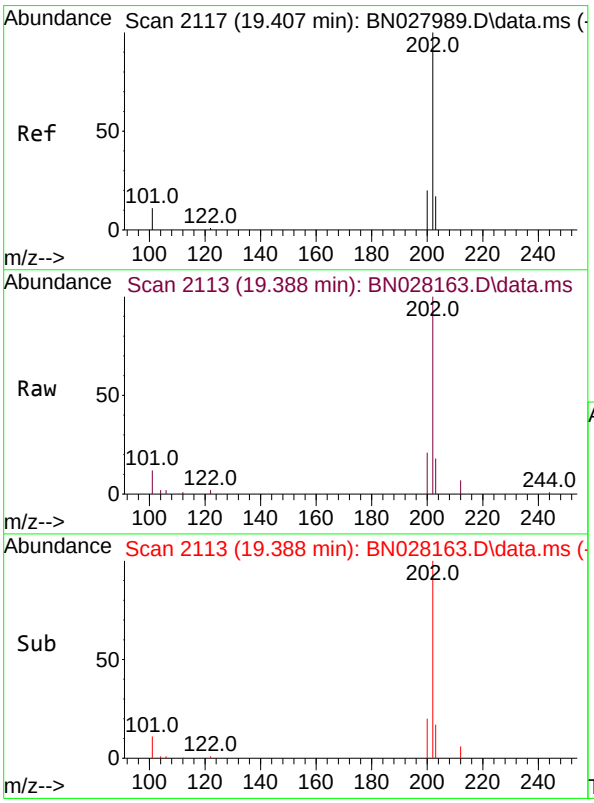
#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.360 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:212 Resp: 9277

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.3	16.9
104	8.8	6.4	9.6

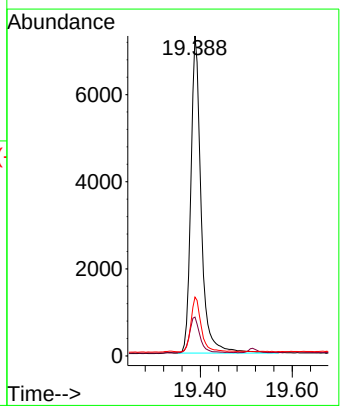


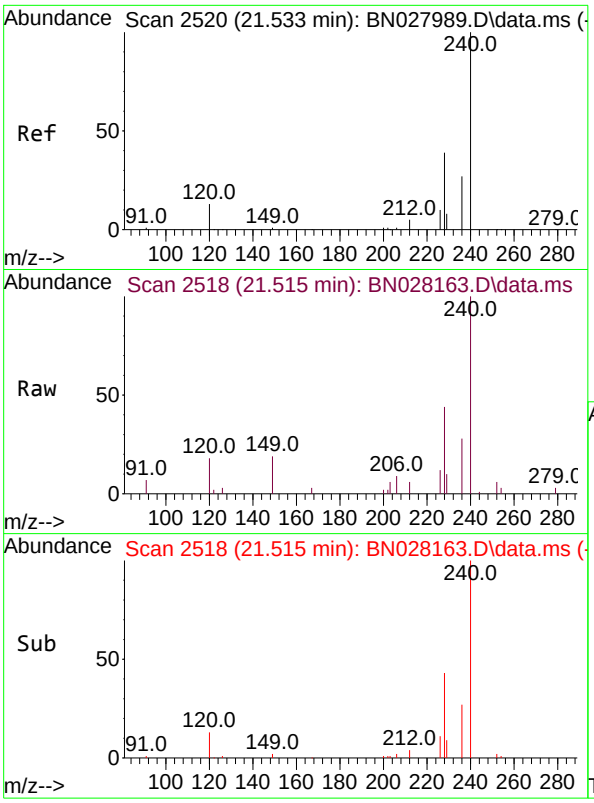


#28
Fluoranthene
Concen: 0.370 ng
RT: 19.388 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:202 Resp: 11328

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.6
203	17.0	13.8	20.8



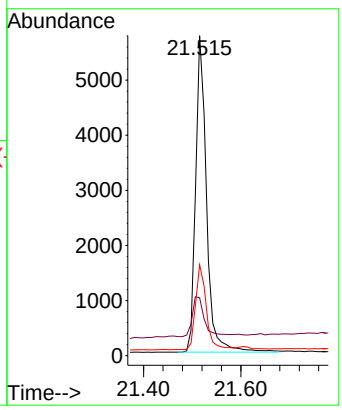


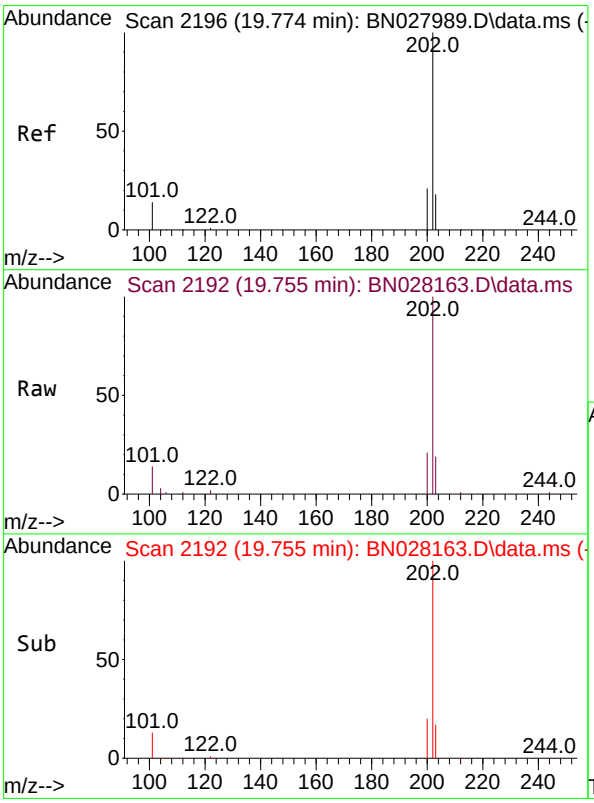
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.515 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:240 Resp: 8912

Ion	Ratio	Lower	Upper
240	100		
120	18.1	13.8	20.6
236	28.4	22.6	33.8

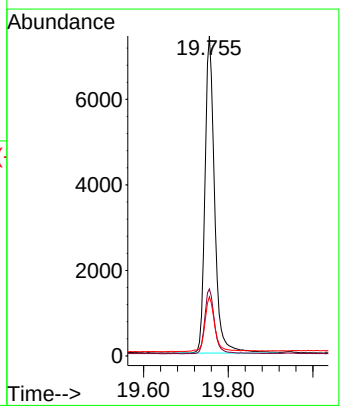


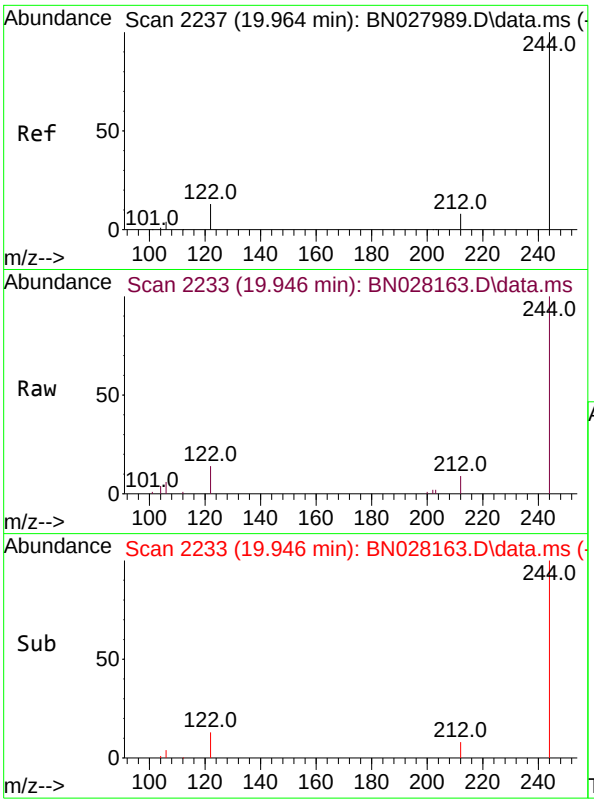


#30
Pyrene
Concen: 0.360 ng
RT: 19.755 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:202 Resp: 11768

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	17.5	14.7	22.1



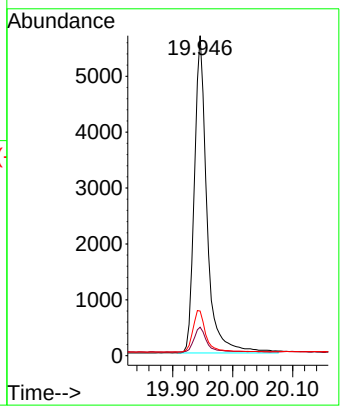


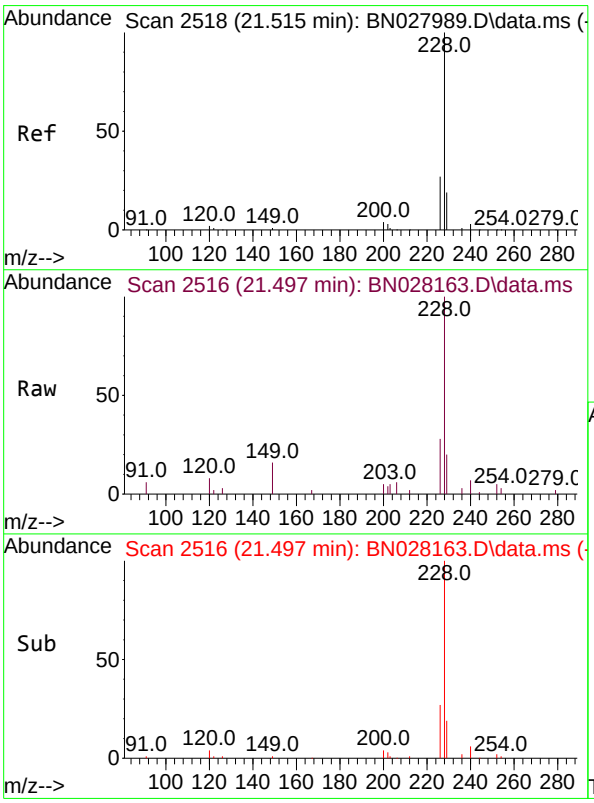
#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.946 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:244 Resp: 8289

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	9.8
122	13.9	11.4	17.0

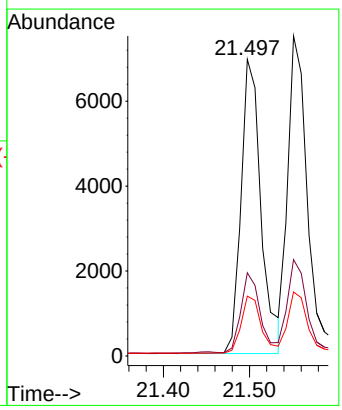


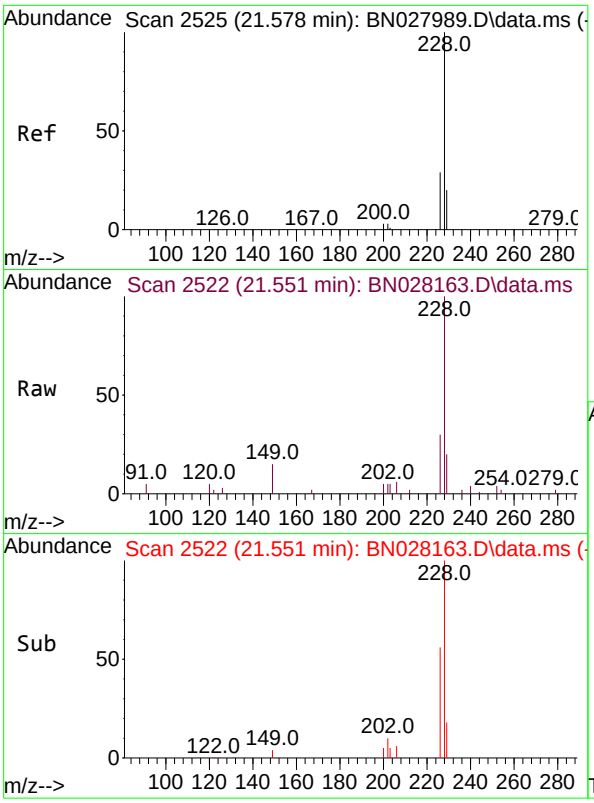


#32
Benzo(a)anthracene
Concen: 0.369 ng
RT: 21.497 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:228 Resp: 11195

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.2	16.0	24.0



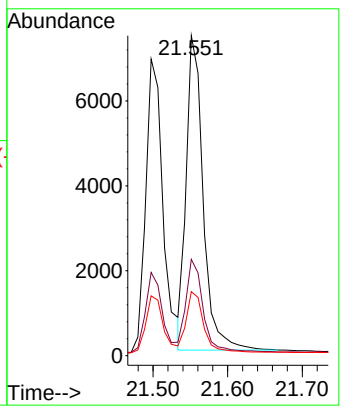


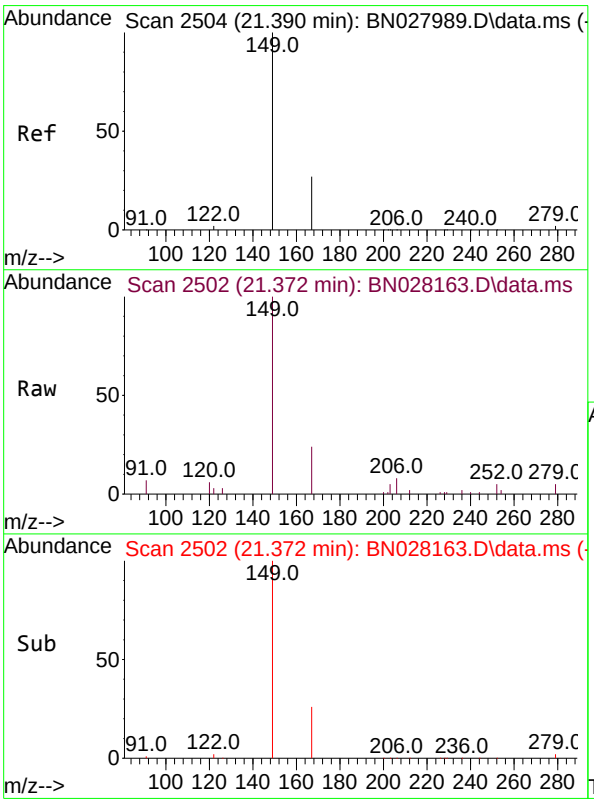
#33
Chrysene
Concen: 0.400 ng
RT: 21.551 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:228 Resp: 11680

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.0	16.6	25.0

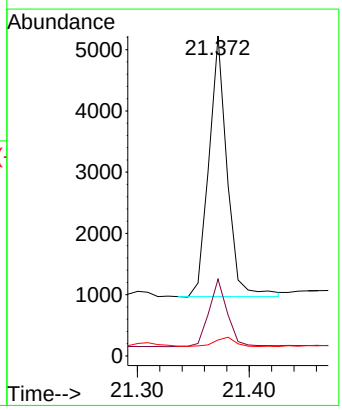


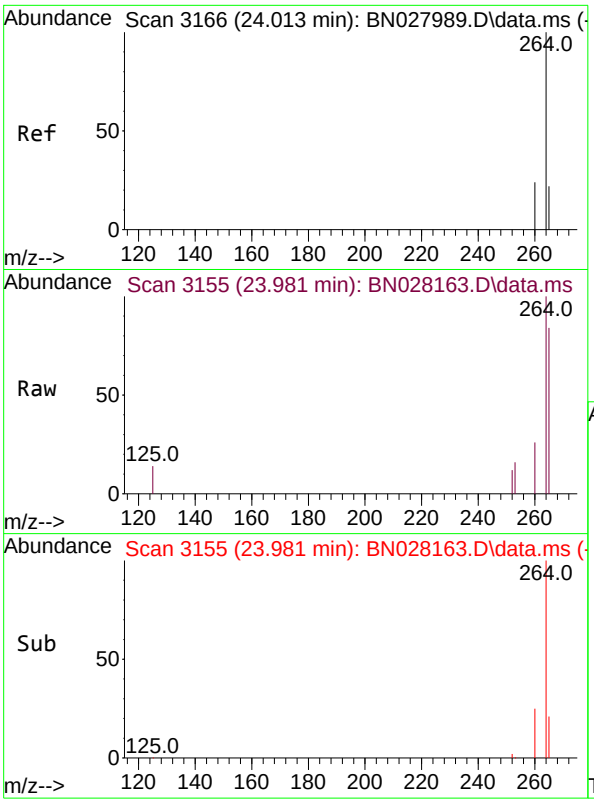


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.240 ng
RT: 21.372 min Scan# 2502
Delta R.T. -0.000 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:149 Resp: 4797

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	3.8	3.4	5.0



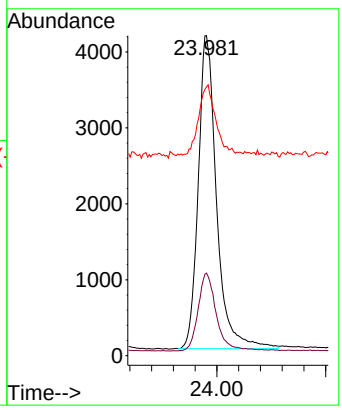


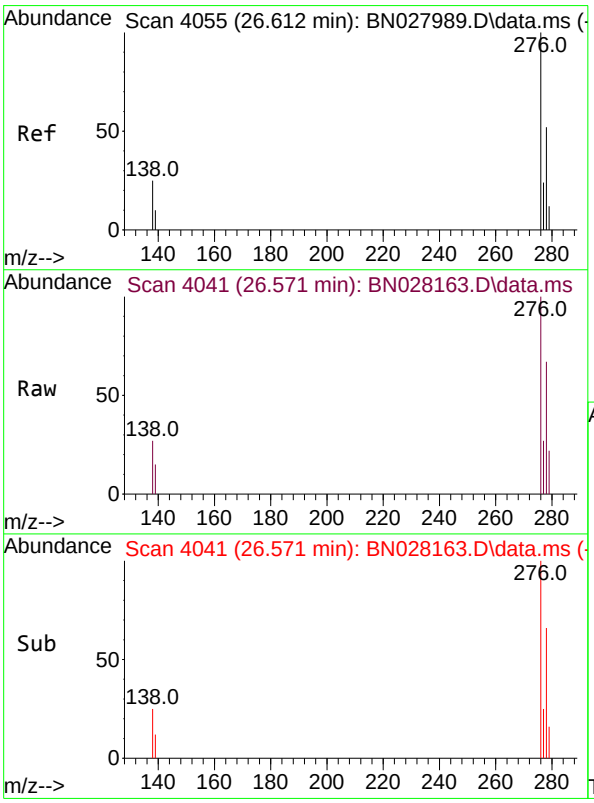
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.981 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:264 Resp: 9645

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.4
265	84.0	54.8	82.2#

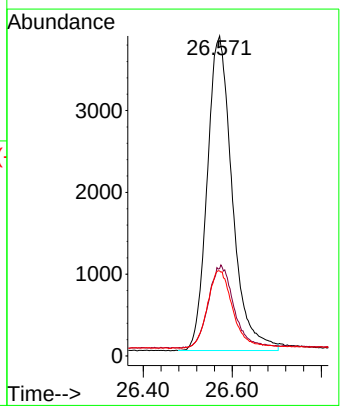


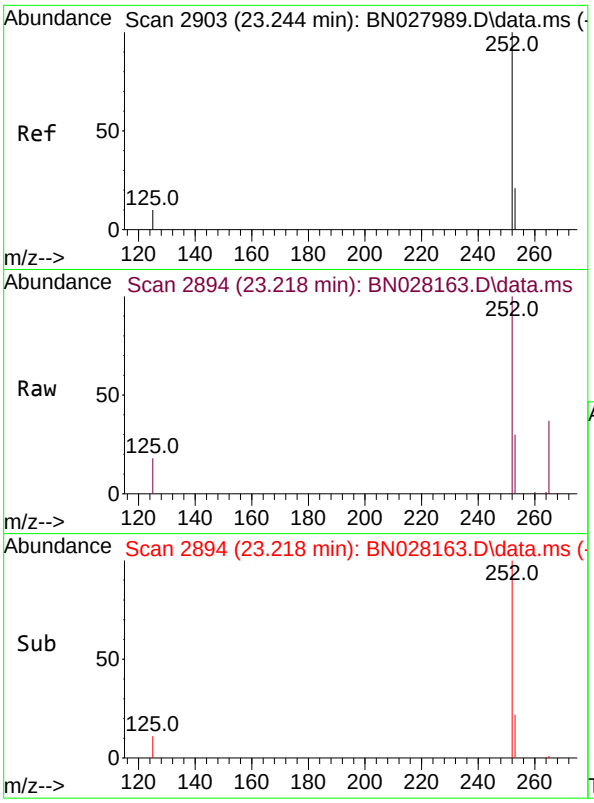


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng
RT: 26.571 min Scan# 4041
Delta R.T. 0.009 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:276 Resp: 15030

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.9	31.3
277	25.1	19.8	29.6



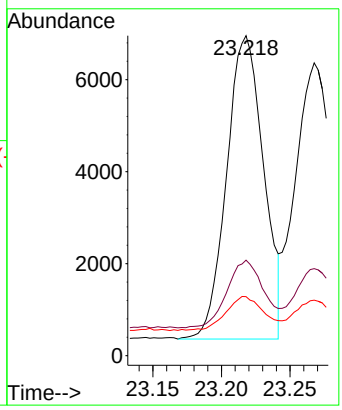


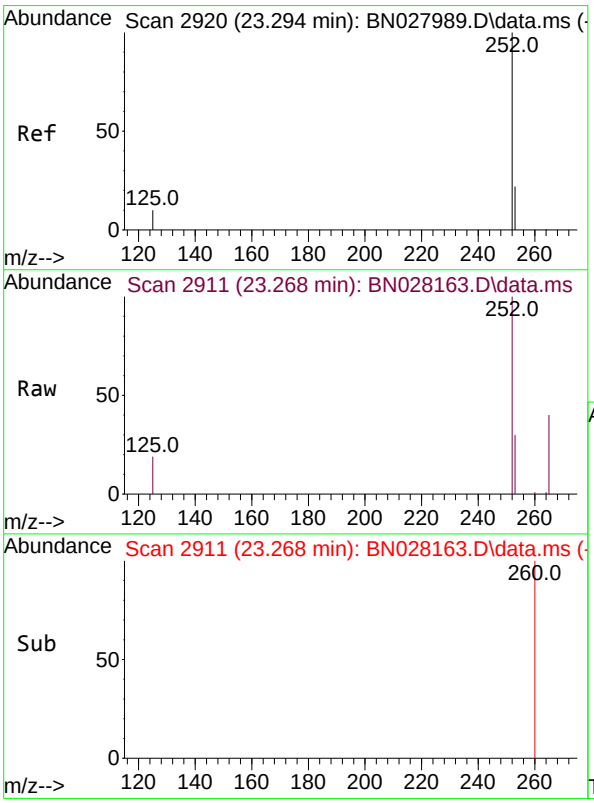
#37
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.218 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:252 Resp: 12357

Ion	Ratio	Lower	Upper
252	100		
253	29.8	22.9	34.3
125	18.4	13.8	20.8

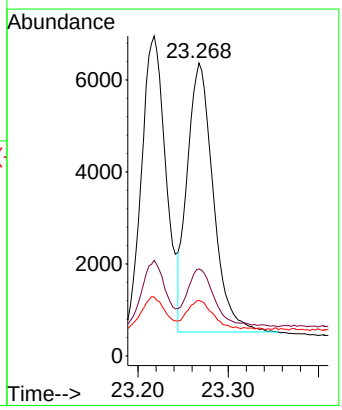


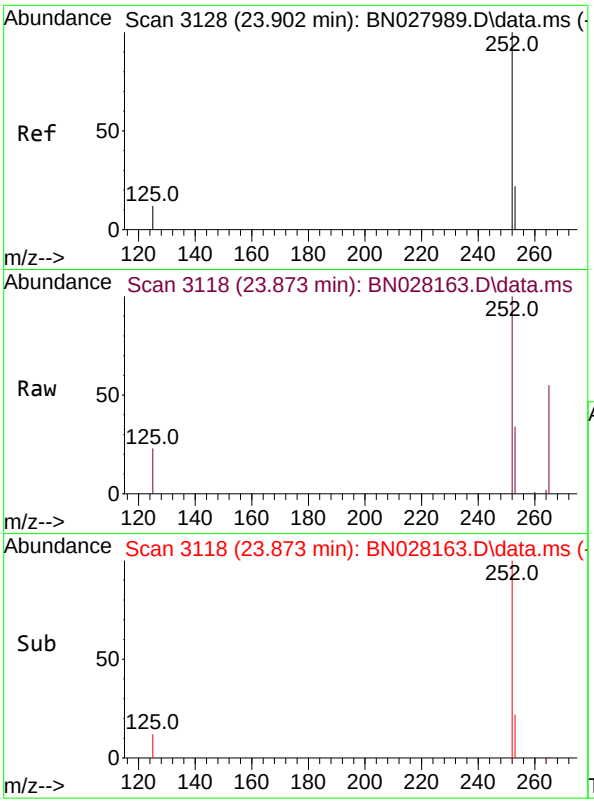


#38
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 23.268 min Scan# 2911
Delta R.T. 0.003 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:252 Resp: 11741

Ion	Ratio	Lower	Upper
252	100		
253	29.7	23.1	34.7
125	19.0	13.8	20.8



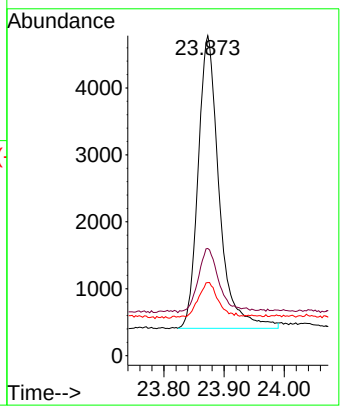


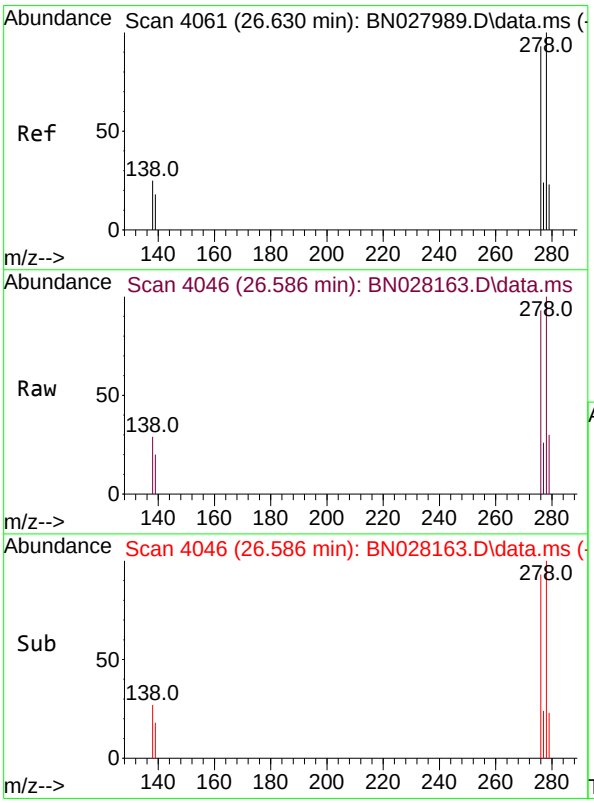
#39
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.873 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:252 Resp: 10609

Ion	Ratio	Lower	Upper
252	100		
253	33.5	25.0	37.4
125	22.8	16.6	24.8

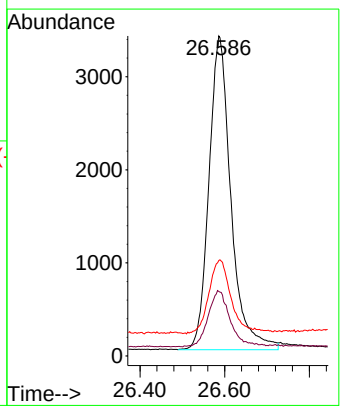


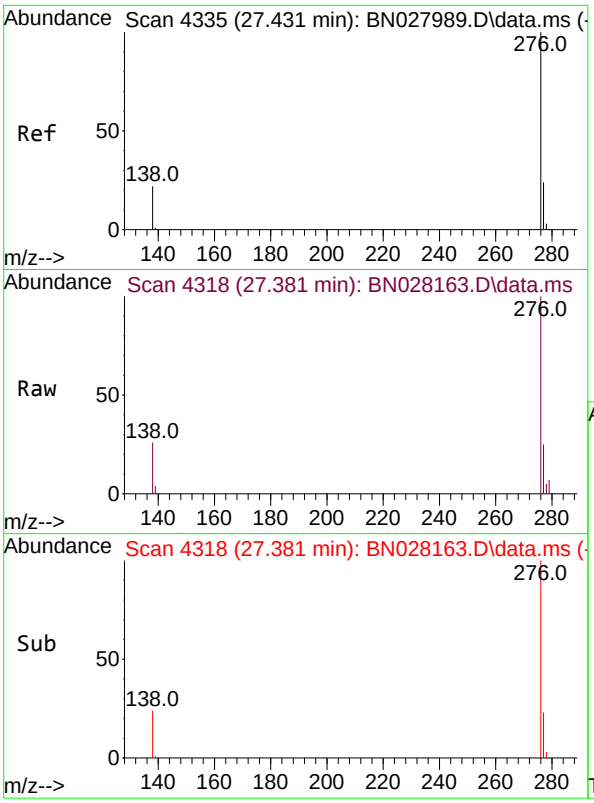


#40
Dibenzo(a,h)anthracene
Concen: 0.458 ng
RT: 26.586 min Scan# 4046
Delta R.T. 0.006 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Tgt Ion:278 Resp: 12152

Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.7	26.5
279	29.8	25.2	37.8





#41
Benzo(g,h,i)perylene
Concen: 0.477 ng
RT: 27.381 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN028163.D
Acq: 09 Oct 2023 16:23

Instrument :
BNA_N
ClientSampleId :
PB155921BS

Tgt Ion:276 Resp: 12988

Ion	Ratio	Lower	Upper
276	100		
277	25.3	22.1	33.1
138	25.9	20.8	31.2