Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028281.D
Acq On : 13 Oct 2023 17:05
Operator : MA/JU
Sample : PB156366BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Quant Time: Oct 13 17:36:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	3611	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	11195	0.400	ng	#-0.01
13) Acenaphthene-d10	14.533	164	6441	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	14860	0.400	ng	#-0.01
29) Chrysene-d12	21.497	240	12889	0.400	ng	# 0.00
35) Perylene-d12	23.949	264	13730	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	4081	0.364	ng	0.00
5) Phenol-d6	7.069	99	4852	0.351	ng	0.01
8) Nitrobenzene-d5	9.102	82	3436	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.298	152	7701	0.458	ng	0.00
14) 2,4,6-Tribromophenol	16.052	330	1071	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	9026	0.398	ng	0.00
27) Fluoranthene-d10	19.332	212	14897	0.375	ng	0.00
31) Terphenyl-d14	19.922	244	12530	0.458	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	1303	0.299	ng	# 60
3) n-Nitrosodimethylamine	3.660	42	1789	0.375	ng	100
6) bis(2-Chloroethyl)ether	7.337	93	3768	0.354	ng	99
9) Naphthalene	10.757	128	11275	0.388	ng	100
10) Hexachlorobutadiene	10.970	225	1929	0.387	ng	# 98
12) 2-Methylnaphthalene	12.373	142	7300	0.354	ng	99
16) Acenaphthylene	14.266	152	11044	0.382	ng	99
17) Acenaphthene	14.598	154	7102	0.389	ng	100
18) Fluorene	15.593	166	9582	0.399	ng	99
20) 4,6-Dinitro-2-methylph...	15.730	198	329	0.490	ng	92
21) 4-Bromophenyl-phenylether	16.487	248	2897	0.379	ng	99
22) Hexachlorobenzene	16.561	284	3153	0.400	ng	93
23) Atrazine	16.760	200	2642	0.368	ng	97
24) Pentachlorophenol	16.934	266	15912	4.423	ng	95
25) Phenanthrene	17.343	178	15795	0.388	ng	100
26) Anthracene	17.430	178	14007	0.361	ng	100
28) Fluoranthene	19.365	202	18262	0.357	ng	99
30) Pyrene	19.732	202	18671	0.423	ng	99
32) Benzo(a)anthracene	21.479	228	17477	0.382	ng	98
33) Chrysene	21.533	228	17674	0.403	ng	98
34) Bis(2-ethylhexyl)phtha...	21.354	149	10345	0.296	ng	99
36) Indeno(1,2,3-cd)pyrene	26.525	276	20306	0.367	ng	100
37) Benzo(b)fluoranthene	23.189	252	17619	0.411	ng	97
38) Benzo(k)fluoranthene	23.238	252	17312	0.397	ng	97
39) Benzo(a)pyrene	23.841	252	15753	0.369	ng	98
40) Dibenzo(a,h)anthracene	26.539	278	16491	0.367	ng	97
41) Benzo(g,h,i)perylene	27.331	276	16613	0.358	ng	99

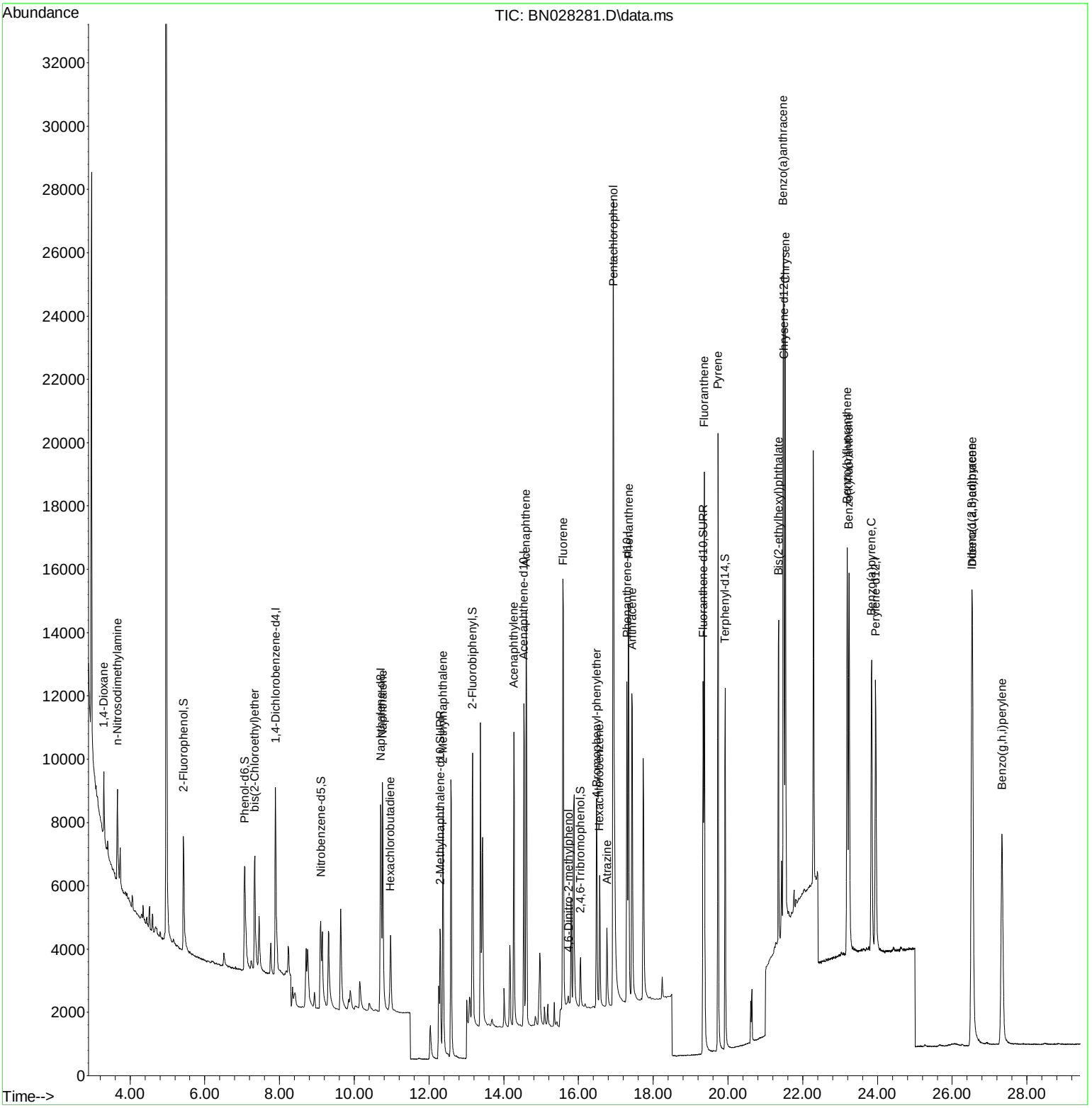
(#) = qualifier out of range (m) = manual integration (+) = signals summed

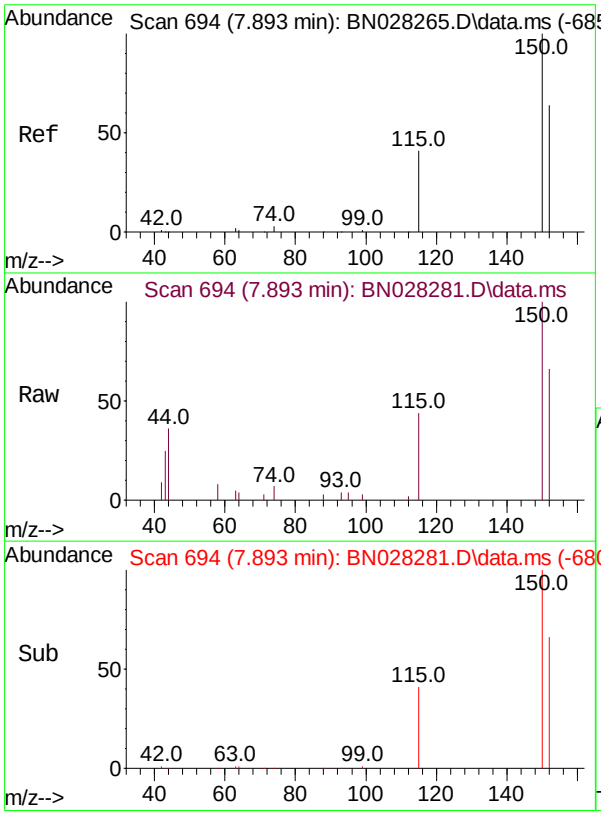
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028281.D
Acq On : 13 Oct 2023 17:05
Operator : MA/JU
Sample : PB156366BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Quant Time: Oct 13 17:36:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration



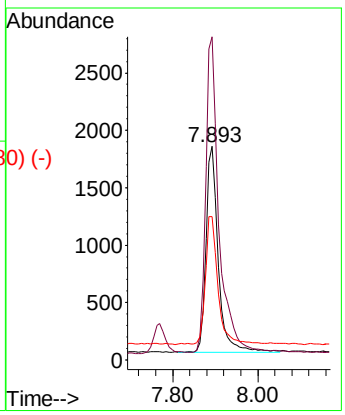


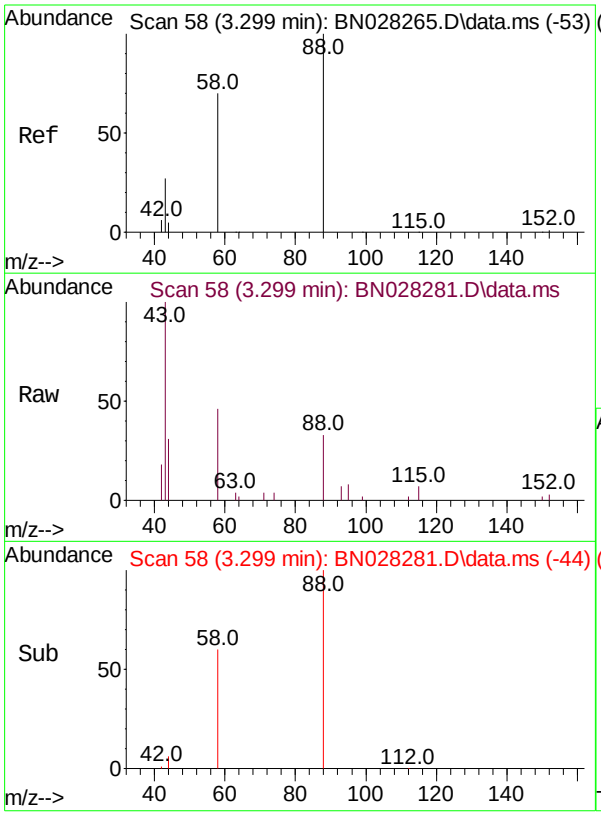
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.893 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:152 Resp: 3611

Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.6	182.4
115	67.0	54.3	81.5

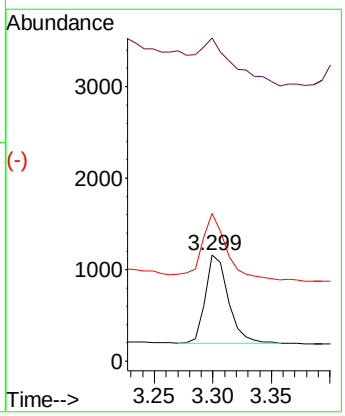


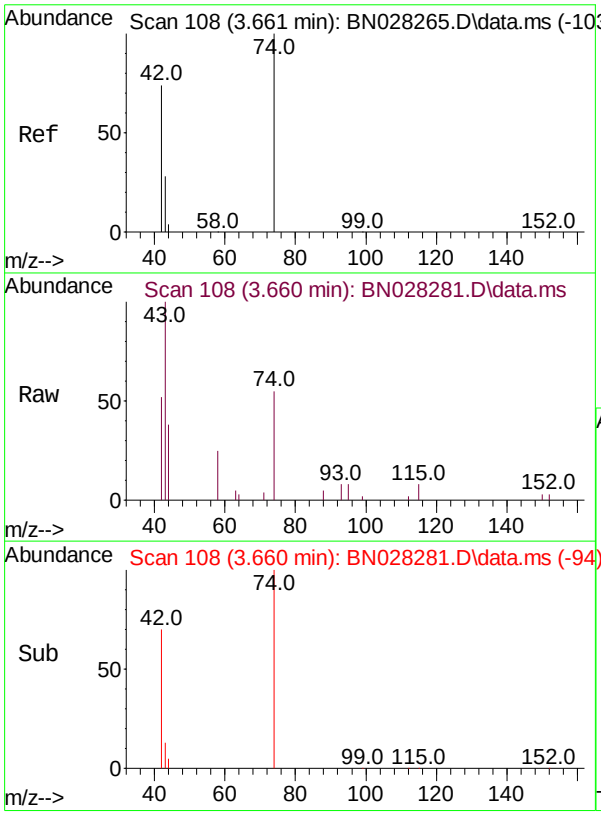


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.299 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion: 88 Resp: 1303

Ion	Ratio	Lower	Upper
88	100		
43	84.6	26.6	39.8#
58	81.7	55.4	83.0



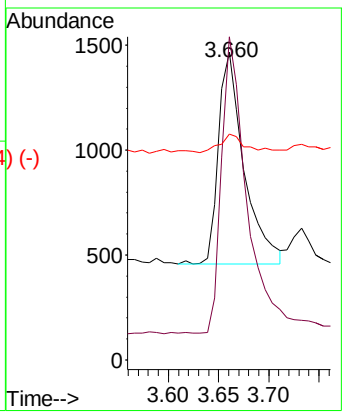


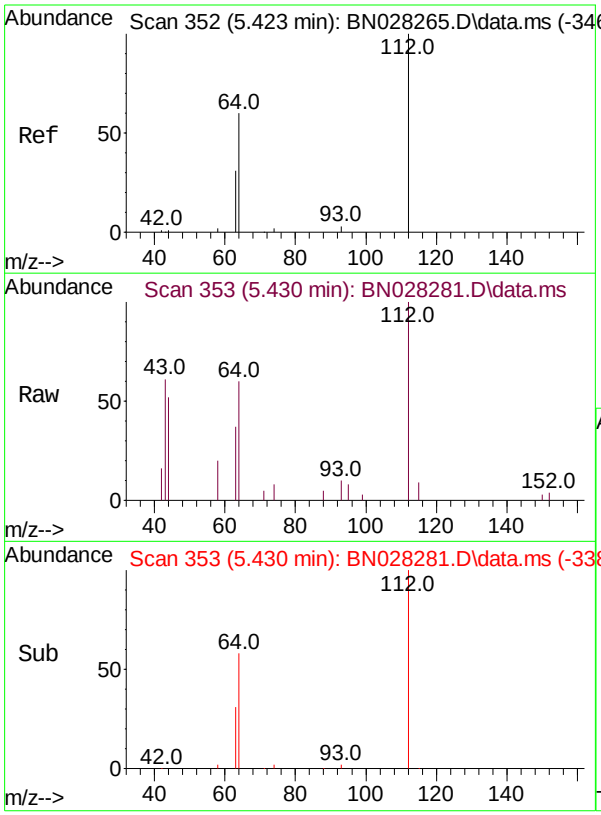
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion: 42 Resp: 1789

Ion	Ratio	Lower	Upper
42	100		
74	141.0	112.6	168.8
44	8.7	7.8	11.6

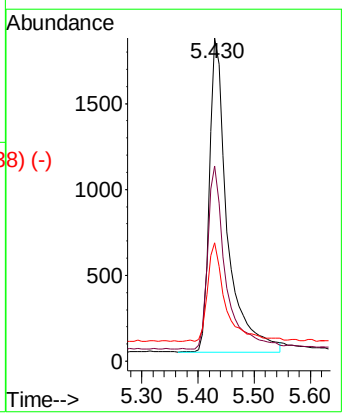


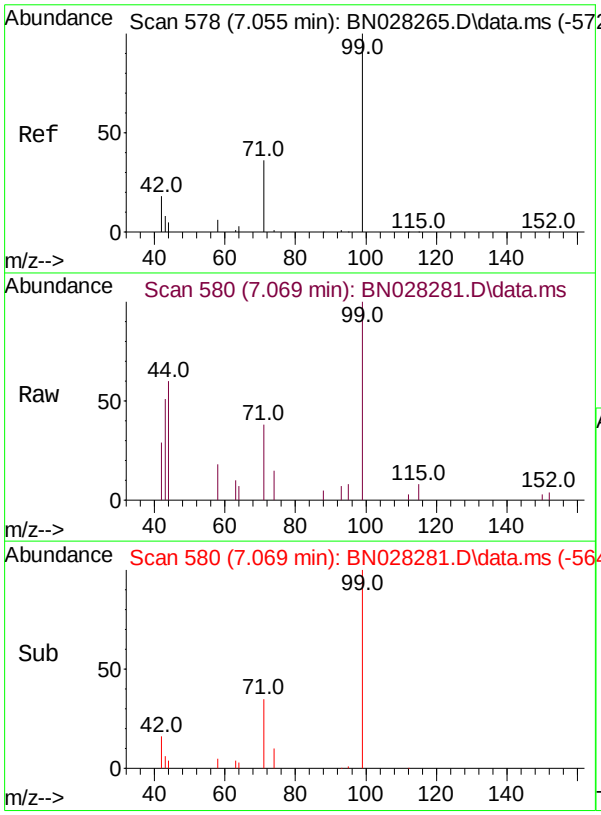


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.007 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:112 Resp: 4081

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.9	70.3
63	31.2	25.0	37.4



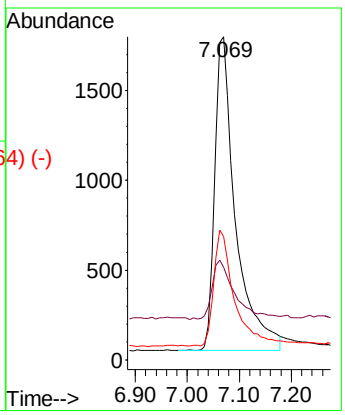


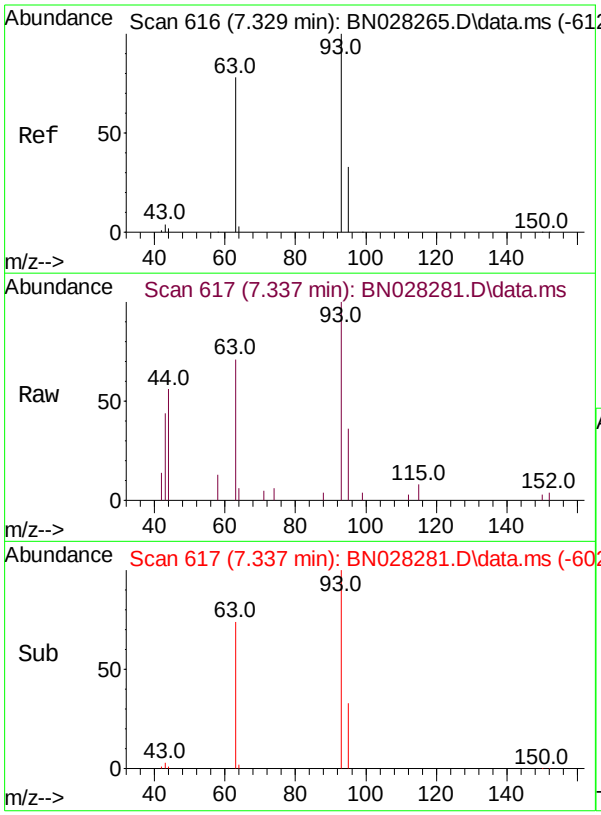
#5
Phenol-d6
Concen: 0.351 ng
RT: 7.069 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion: 99 Resp: 4852

Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.9	23.9
71	35.8	28.6	42.8

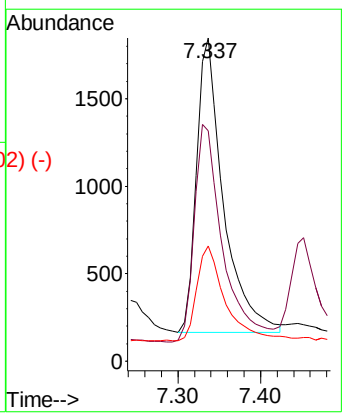


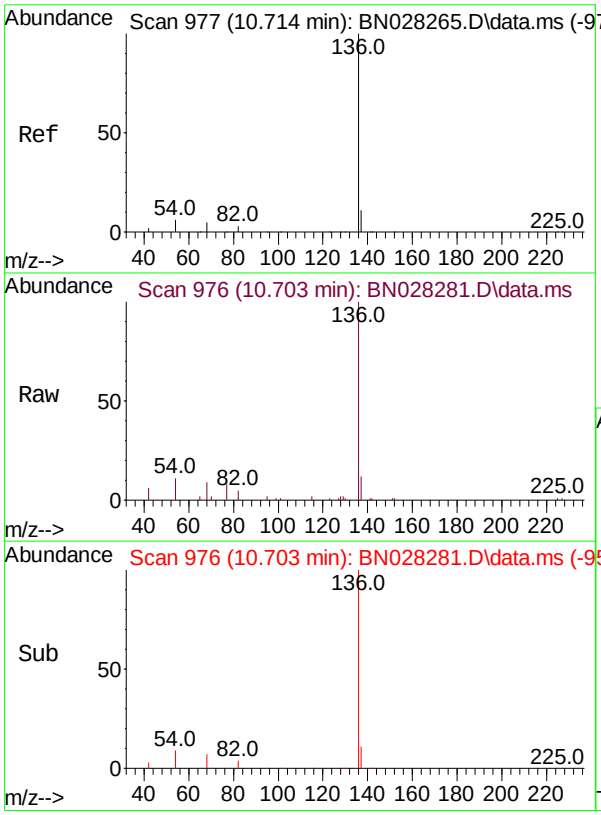


#6
bis(2-Chloroethyl)ether
Concen: 0.354 ng
RT: 7.337 min Scan# 617
Delta R.T. 0.007 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion: 93 Resp: 3768

Ion	Ratio	Lower	Upper
93	100		
63	79.0	62.6	93.8
95	35.4	27.2	40.8



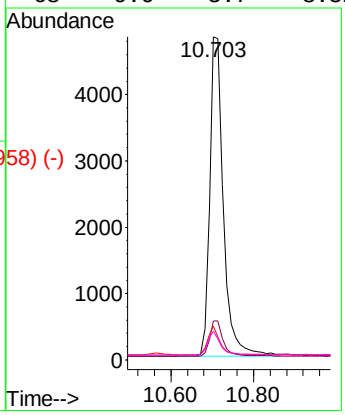


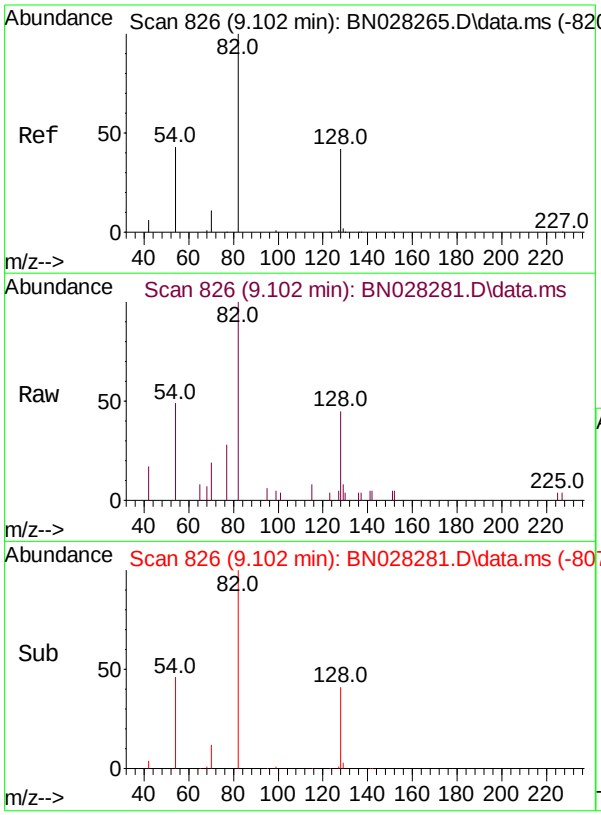
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:136 Resp: 11195

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	10.6	6.2	9.4#
68	9.0	5.7	8.5#

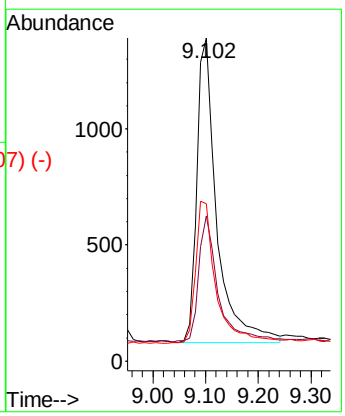


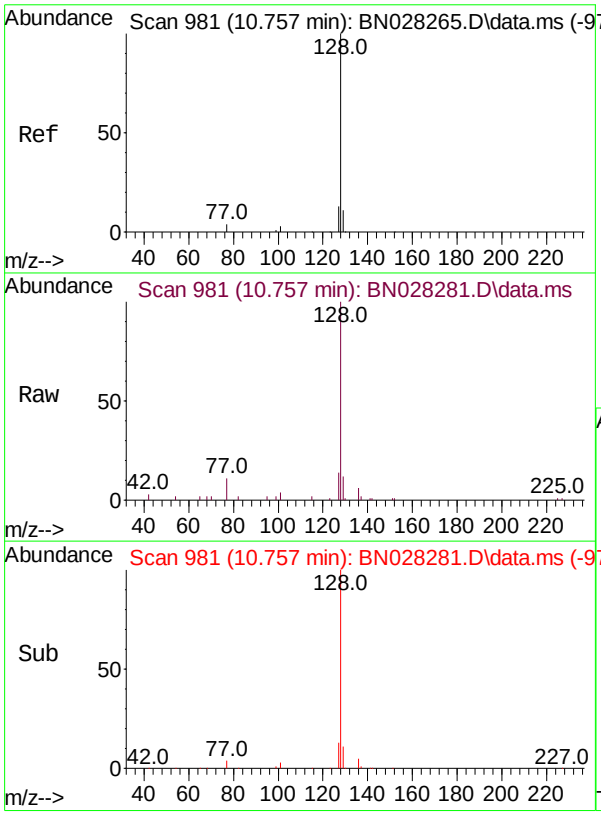


#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 9.102 min Scan# 826
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion: 82 Resp: 3436

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	48.6	37.4	56.2



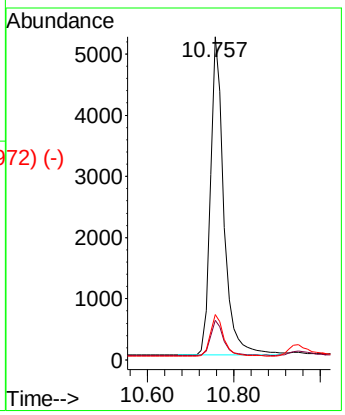


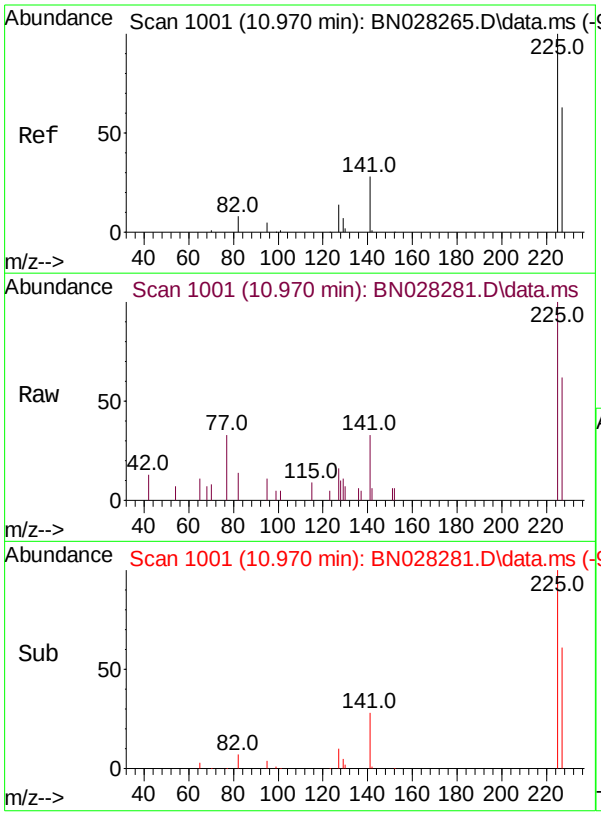
#9
Naphthalene
Concen: 0.388 ng
RT: 10.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:128 Resp: 11275

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.0	11.4	17.0

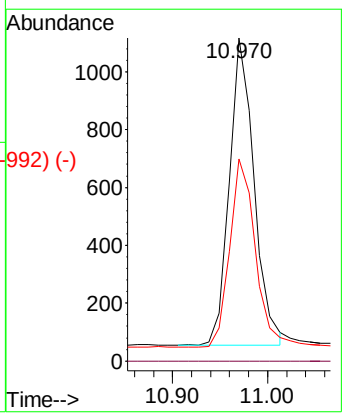


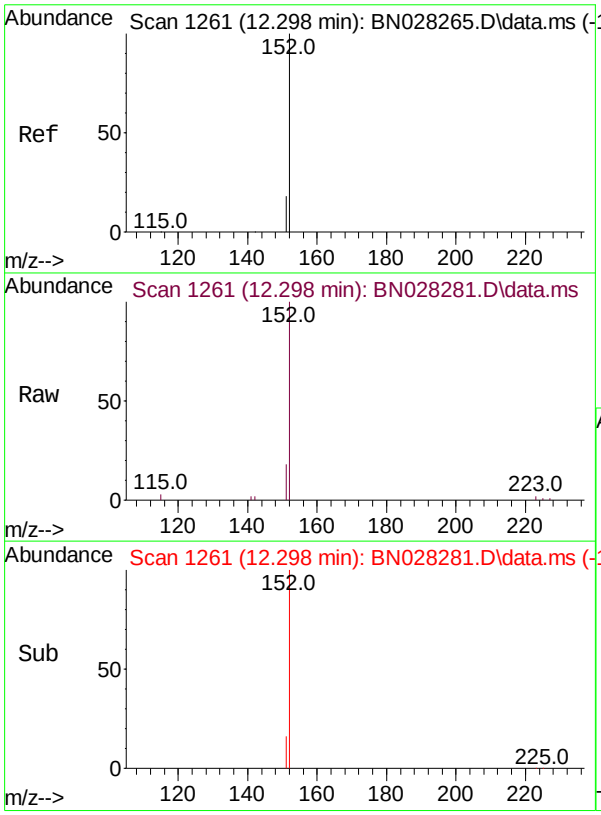


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.970 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:225 Resp: 1929

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	51.6	77.4



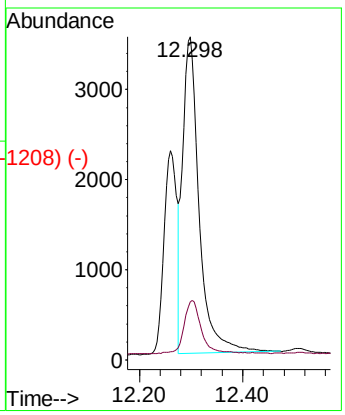


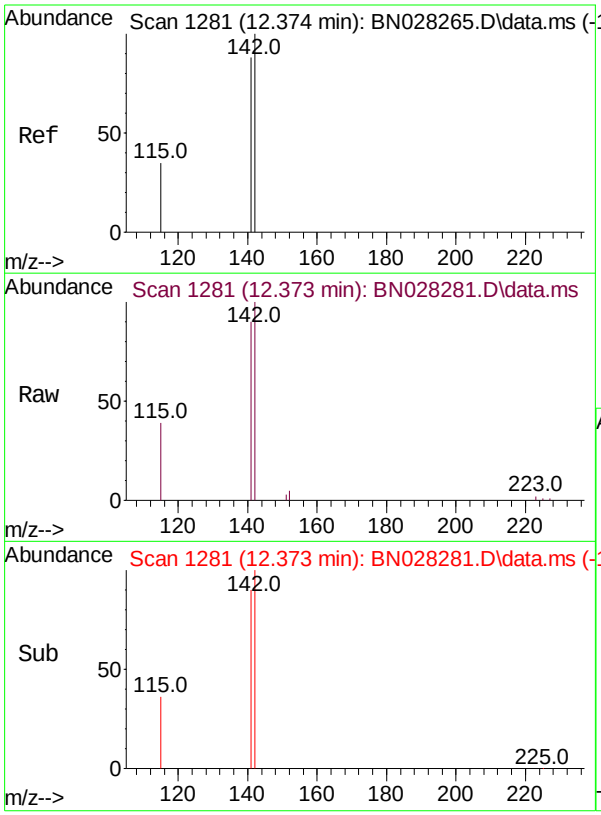
#13
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:152 Resp: 7701

Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.1	24.1

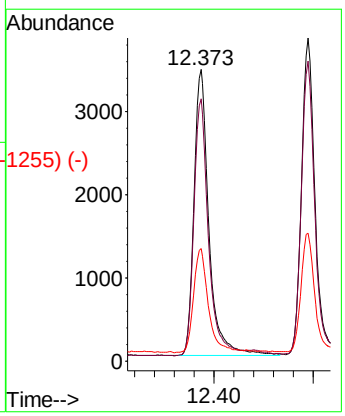


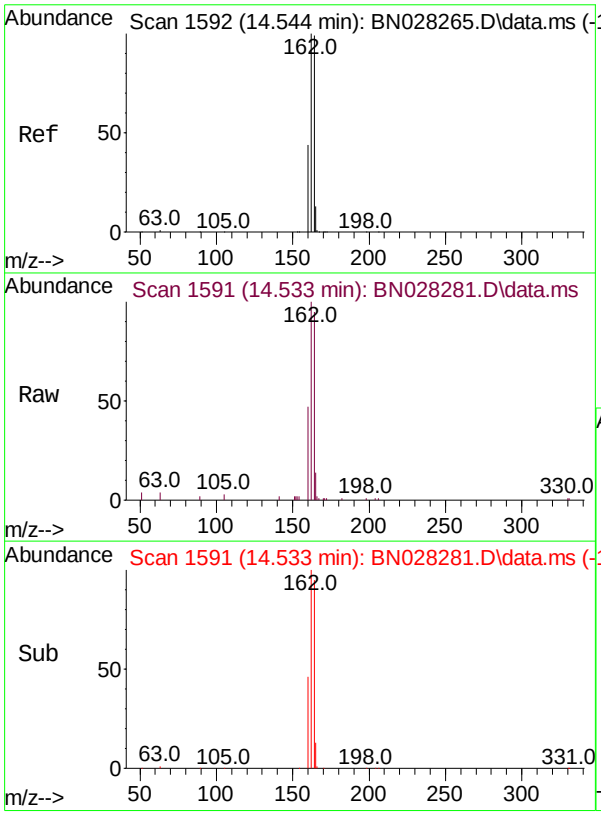


#12
2-Methylnaphthalene
Concen: 0.354 ng
RT: 12.373 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:142 Resp: 7300

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.1	106.7
115	38.6	29.9	44.9



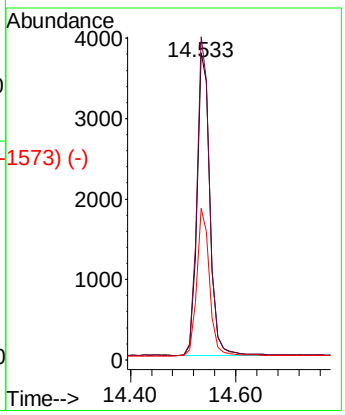


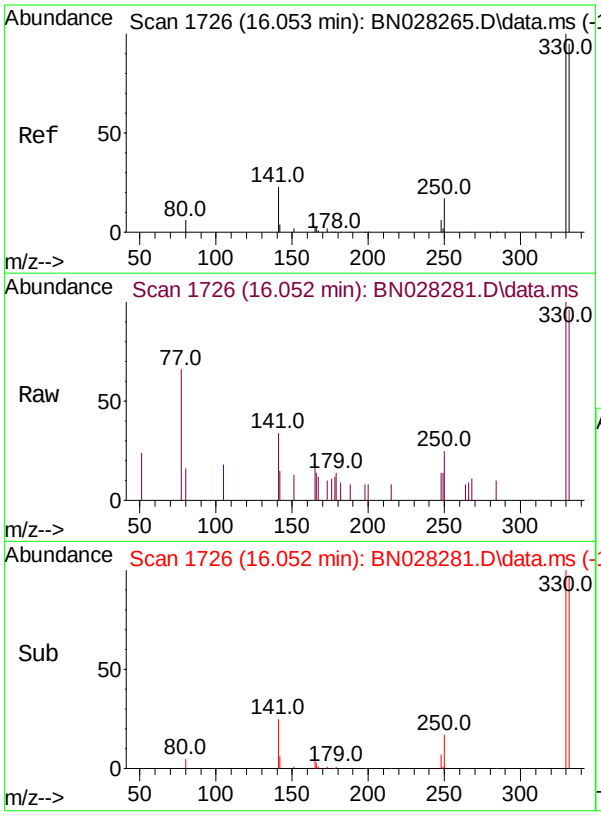
#18
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.533 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:164 Resp: 6441

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.1	121.7
160	49.4	36.6	54.8

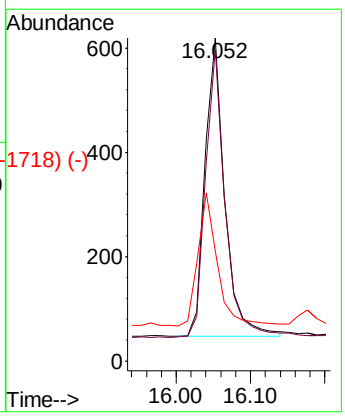


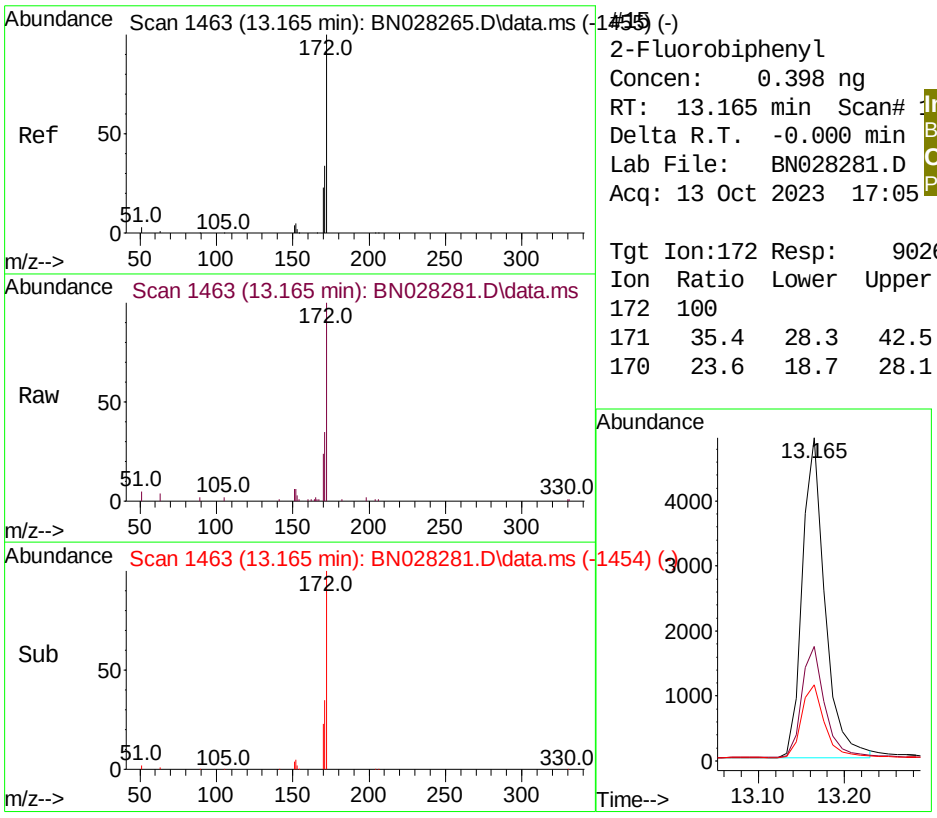


#22
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 16.052 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:330 Resp: 1071

Ion	Ratio	Lower	Upper
330	100		
332	95.1	74.1	111.1
141	43.5	32.1	48.1



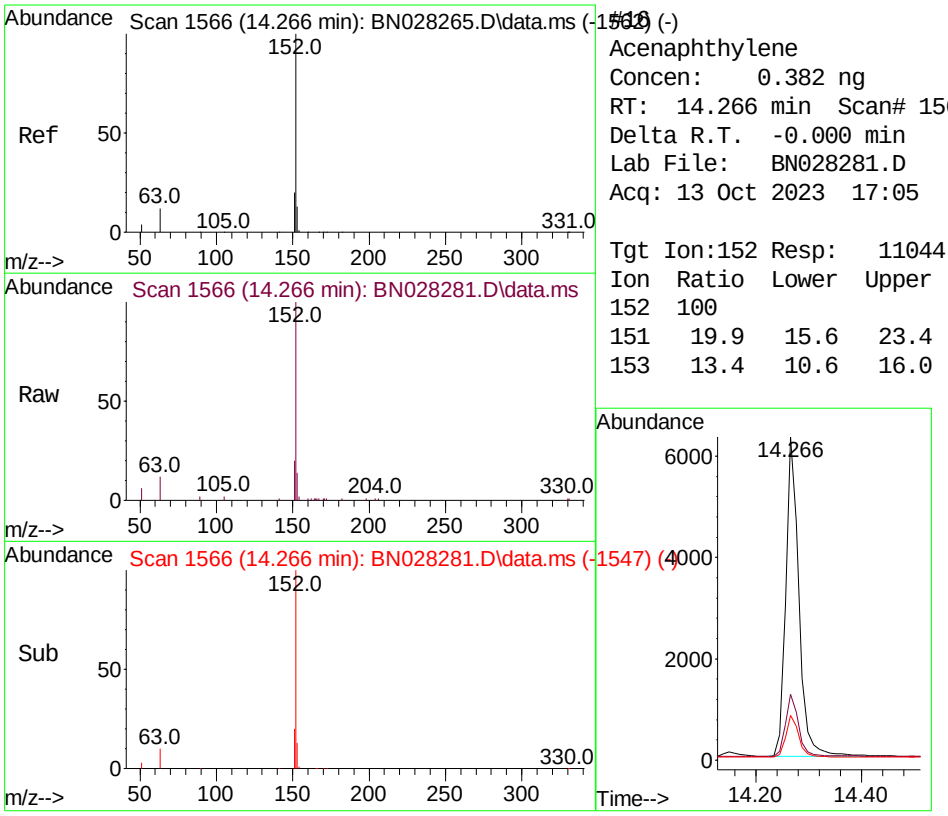


#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:172 Resp: 9026

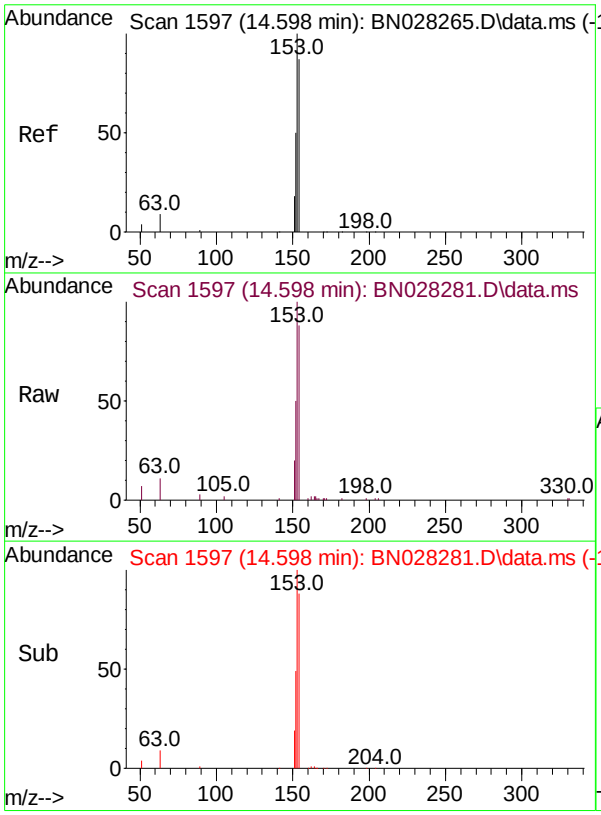
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	18.7	28.1



#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.266 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:152 Resp: 11044

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.6	23.4
153	13.4	10.6	16.0

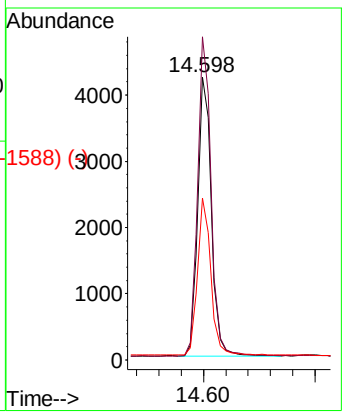


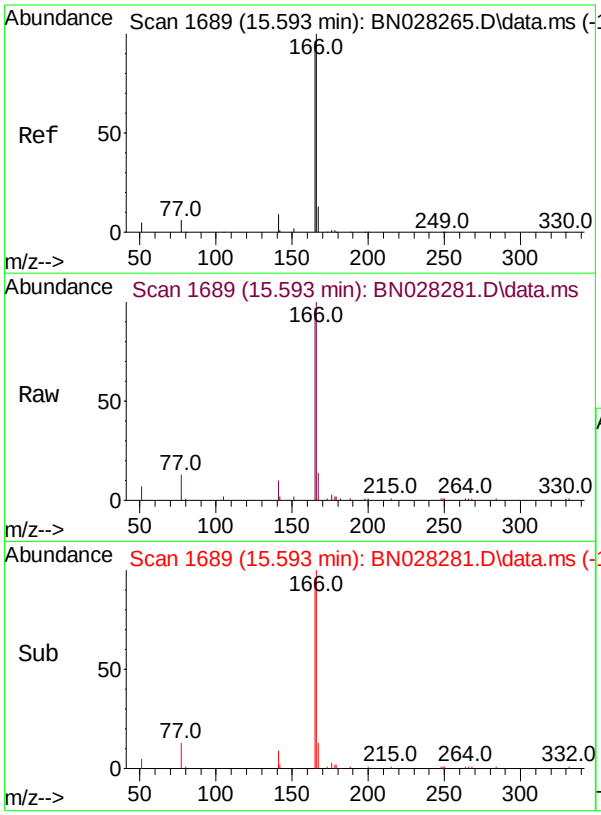
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:154 Resp: 7102

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.7	136.1
152	54.8	43.6	65.4

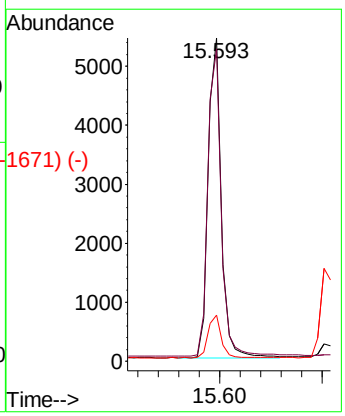


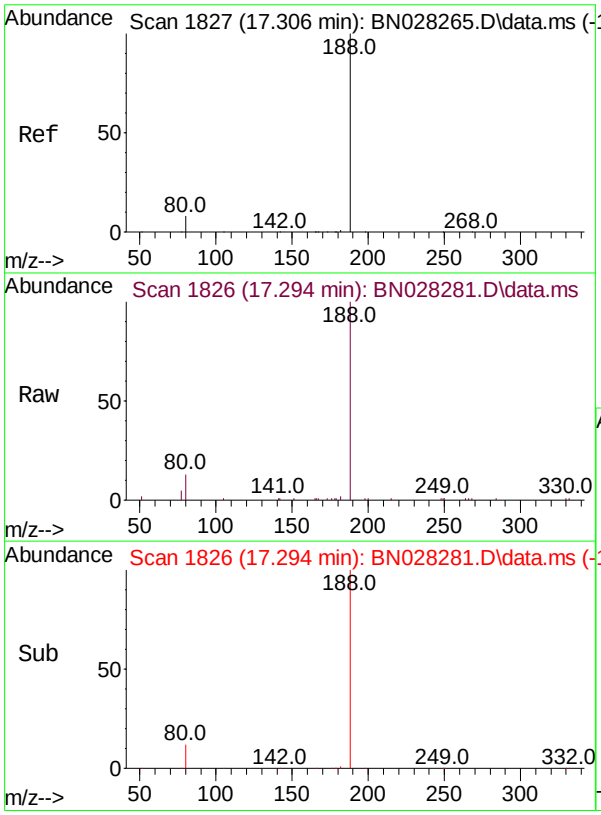


#18
Fluorene
Concen: 0.399 ng
RT: 15.593 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:166 Resp: 9582

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.3	118.9
167	13.6	10.9	16.3



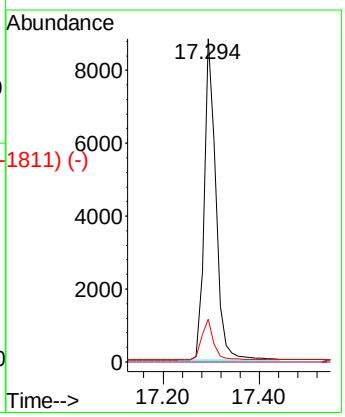


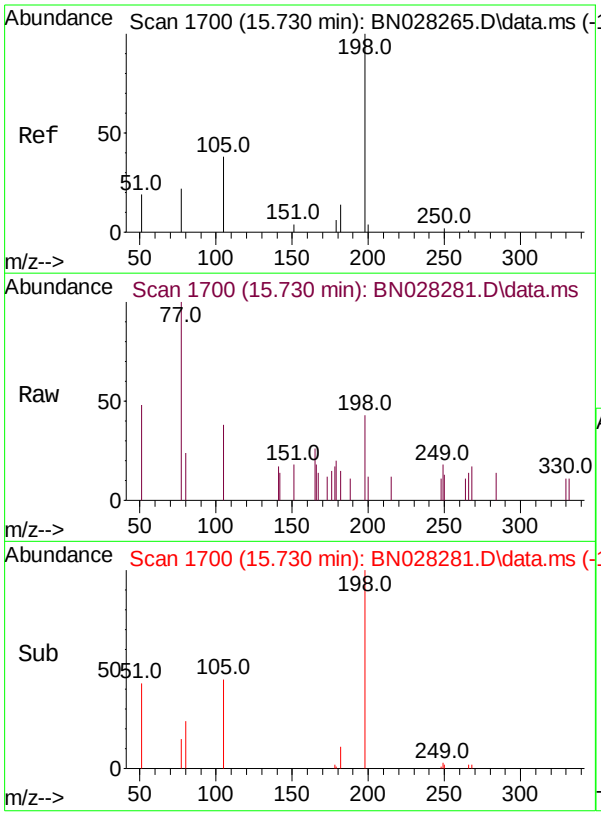
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:188 Resp: 14860

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	7.1	10.7#

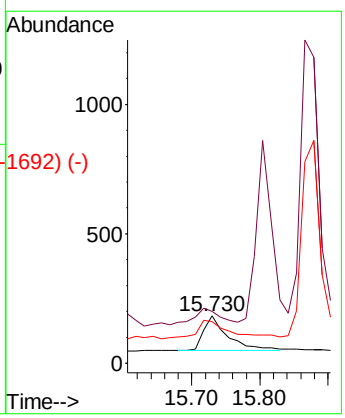


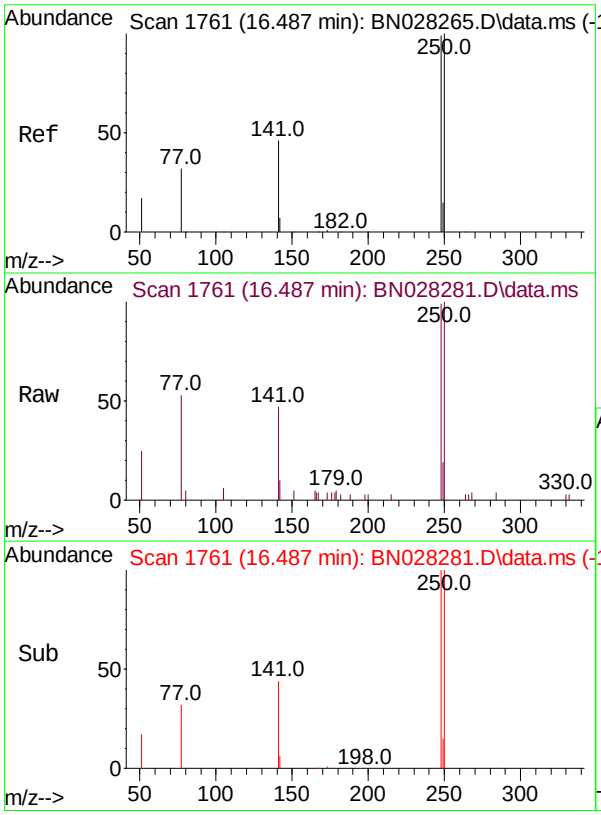


#20
4,6-Dinitro-2-methylphenol
Concen: 0.490 ng
RT: 15.730 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:198 Resp: 329

Ion	Ratio	Lower	Upper
198	100		
51	109.8	96.1	144.1
105	87.4	75.4	113.0



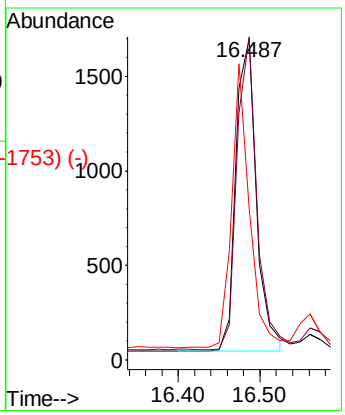


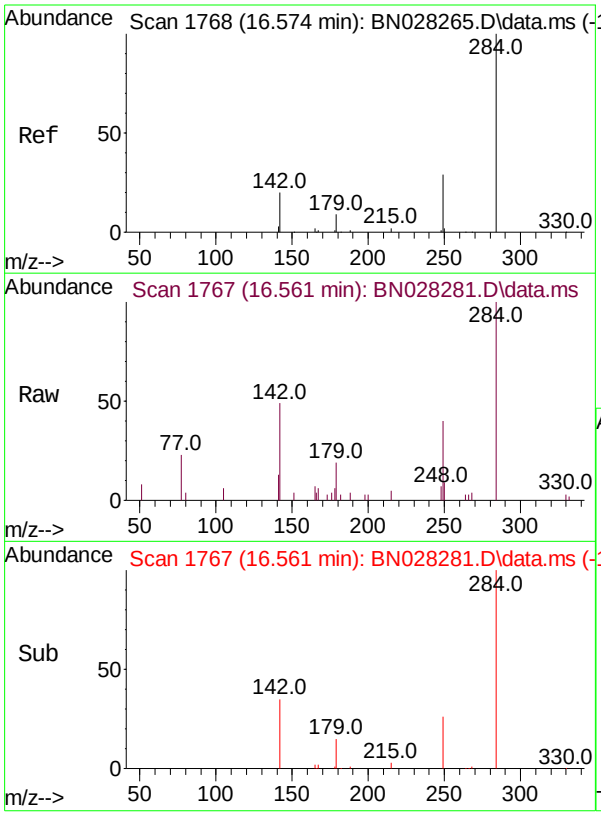
#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:248 Resp: 2897

Ion	Ratio	Lower	Upper
248	100		
250	100.5	80.5	120.7
141	47.0	38.9	58.3

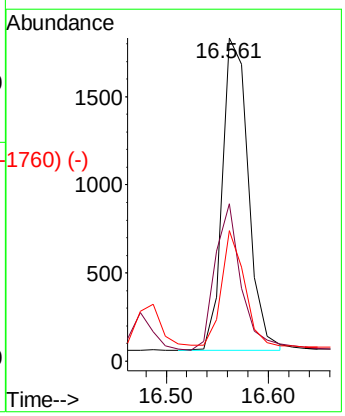


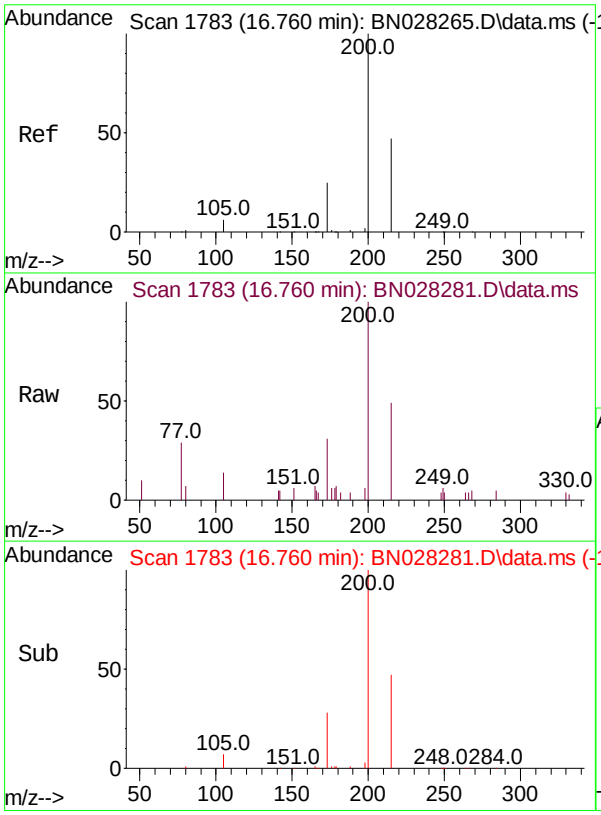


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.561 min Scan# 1767
Delta R.T. -0.013 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:284 Resp: 3153

Ion	Ratio	Lower	Upper
284	100		
142	46.9	32.1	48.1
249	32.4	25.5	38.3



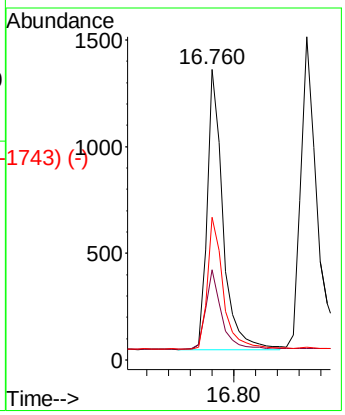


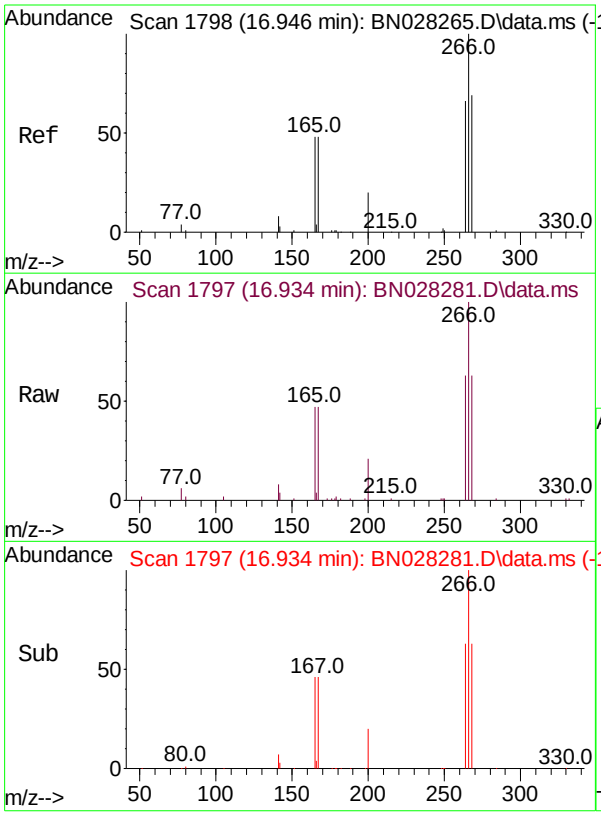
#23
Atrazine
Concen: 0.368 ng
RT: 16.760 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:200 Resp: 2642

Ion	Ratio	Lower	Upper
200	100		
173	31.0	21.6	32.4
215	49.0	39.0	58.6

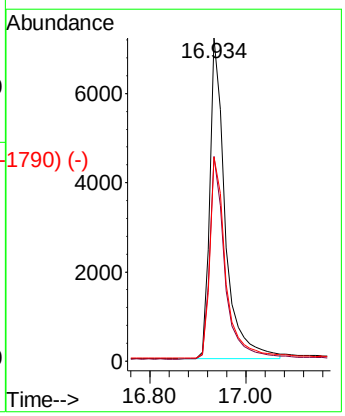


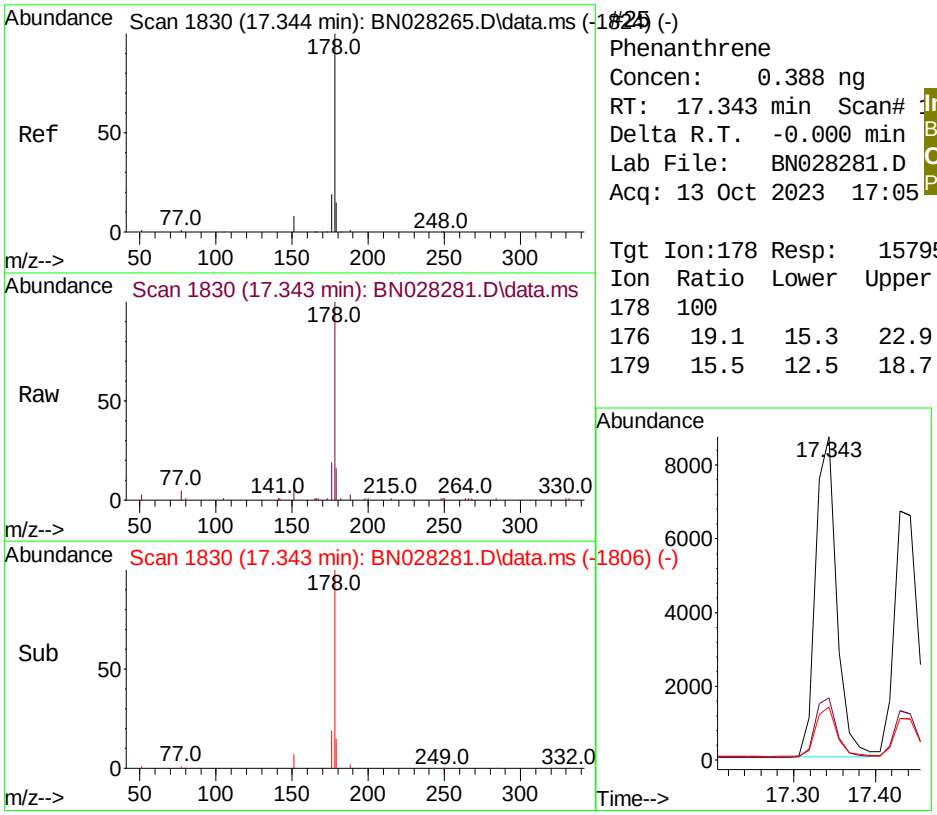


#24
Pentachlorophenol
Concen: 4.423 ng
RT: 16.934 min Scan# 1797
Delta R.T. -0.013 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:266 Resp: 15912

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.5	77.3
268	64.4	56.6	84.8



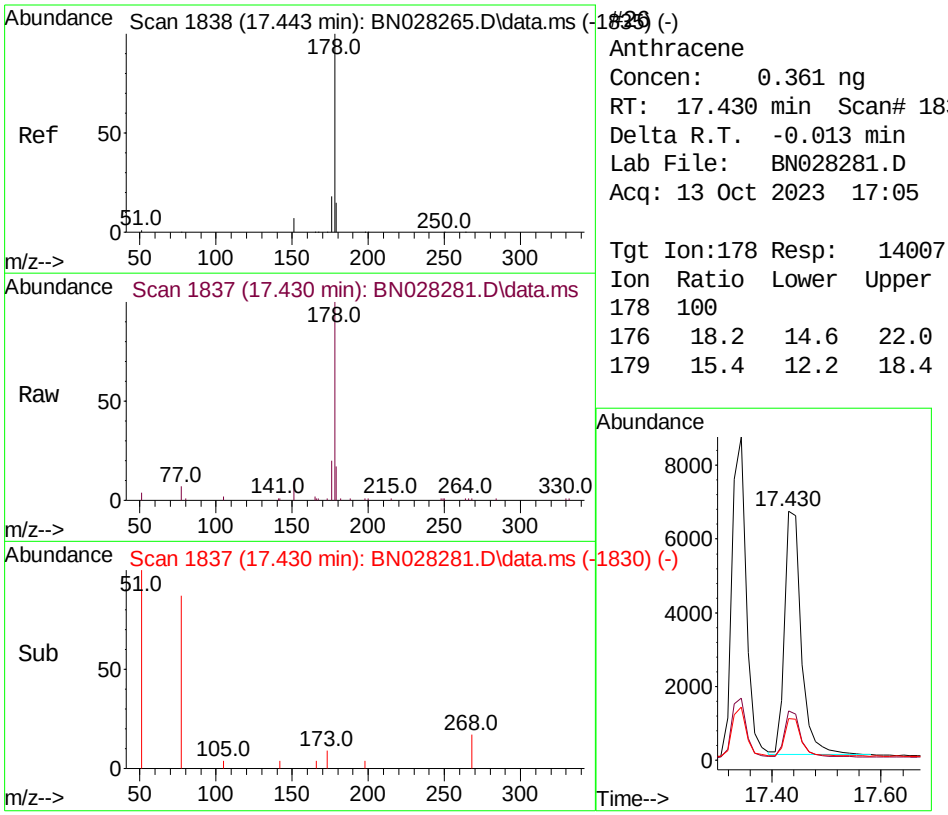


#25
Phenanthrene
Concen: 0.388 ng
RT: 17.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:178 Resp: 15795

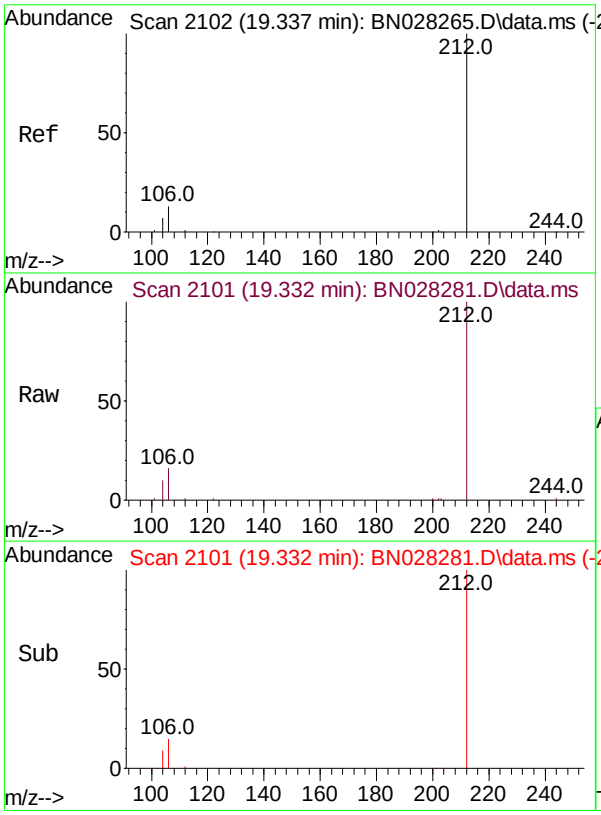
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.5	18.7



#26
Anthracene
Concen: 0.361 ng
RT: 17.430 min Scan# 1837
Delta R.T. -0.013 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:178 Resp: 14007

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.2	18.4

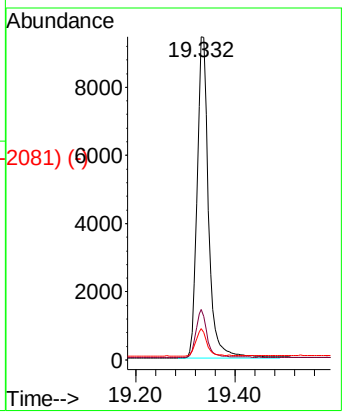


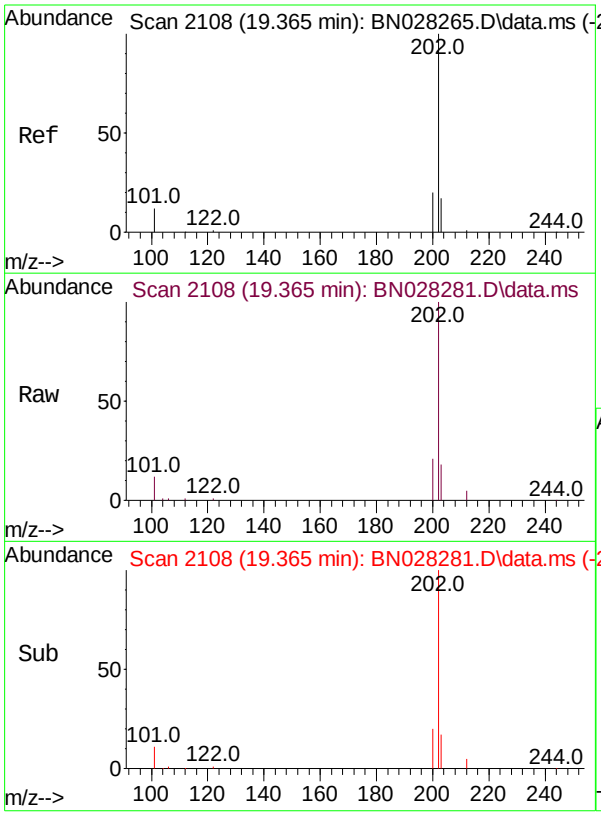
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.332 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:212 Resp: 14897

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.5	17.3
104	8.2	6.7	10.1

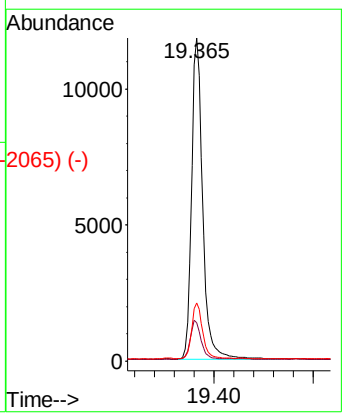


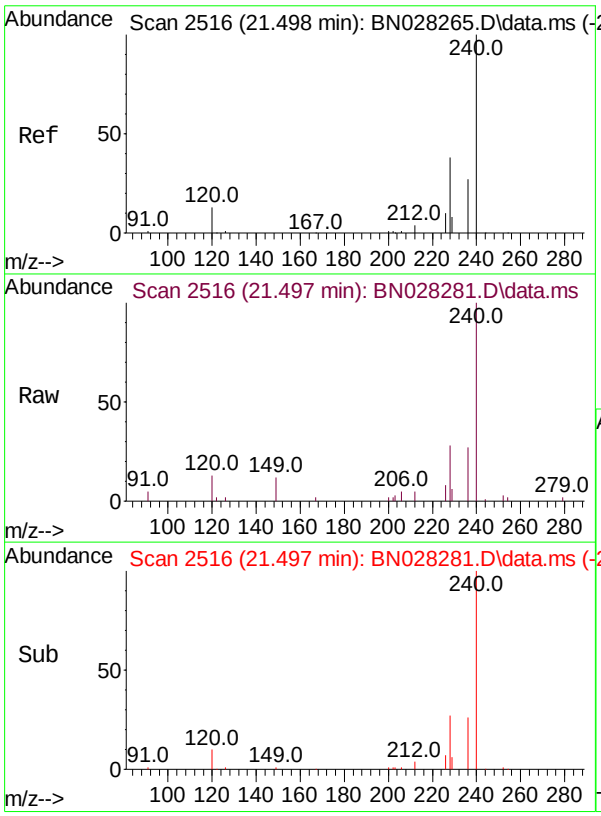


#28
Fluoranthene
Concen: 0.357 ng
RT: 19.365 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:202 Resp: 18262

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.1	15.1
203	17.1	13.9	20.9



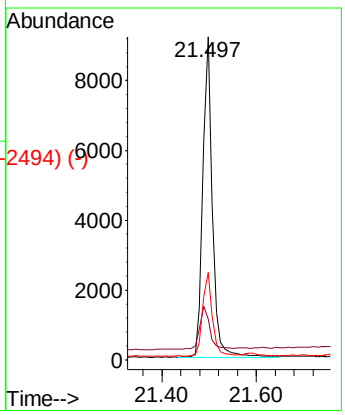


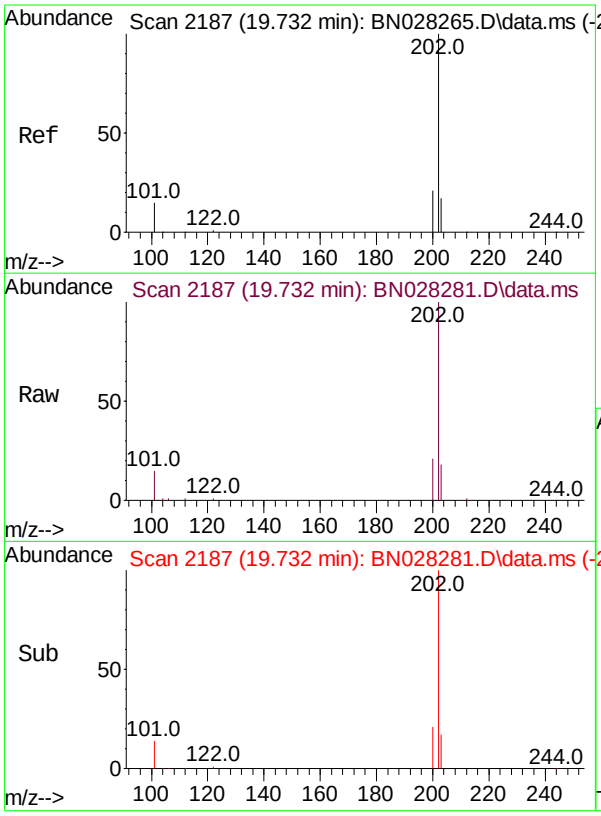
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.497 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:240 Resp: 12889

Ion	Ratio	Lower	Upper
240	100		
120	12.6	13.4	20.0#
236	27.2	22.7	34.1

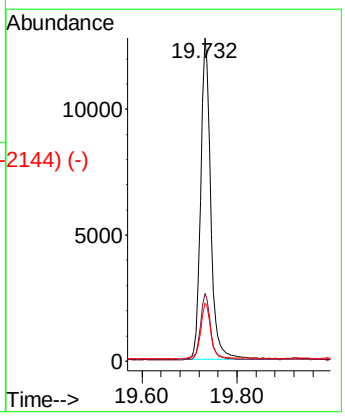


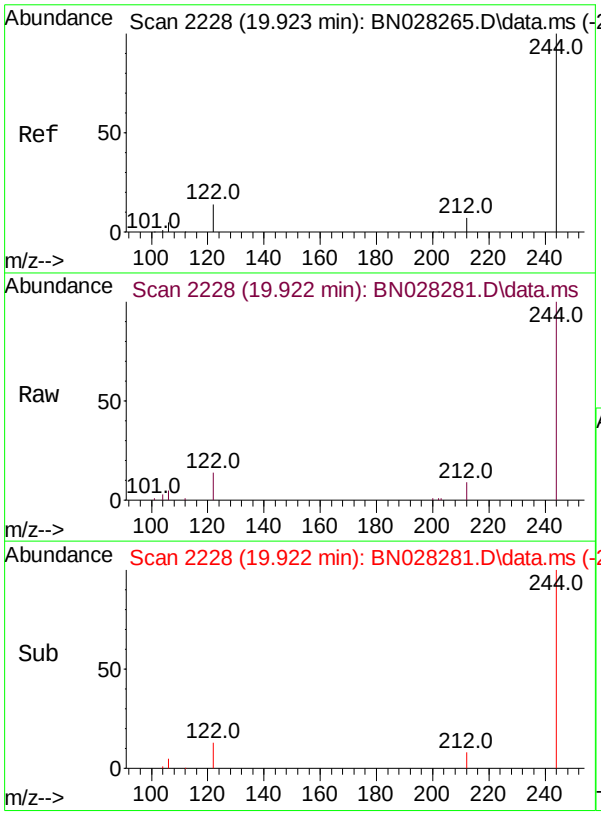


#30
Pyrene
Concen: 0.423 ng
RT: 19.732 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:202 Resp: 18671

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.7	25.1
203	17.9	14.5	21.7



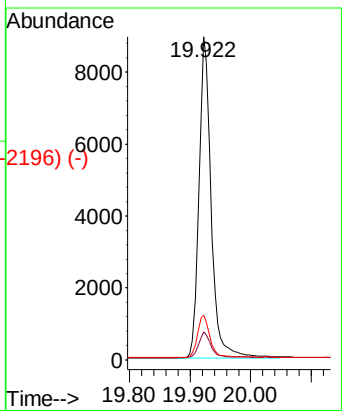


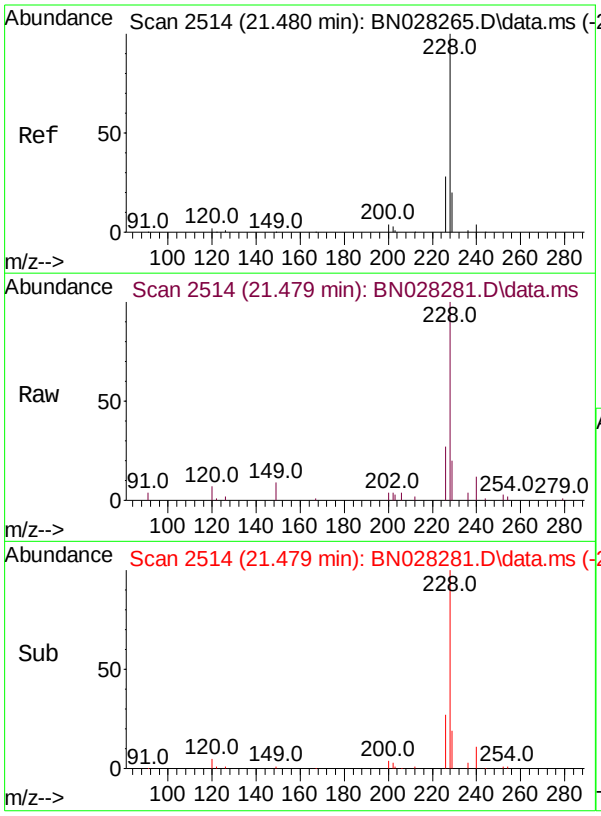
#31
Terphenyl-d14
Concen: 0.458 ng
RT: 19.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:244 Resp: 12530

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	13.8	11.7	17.5

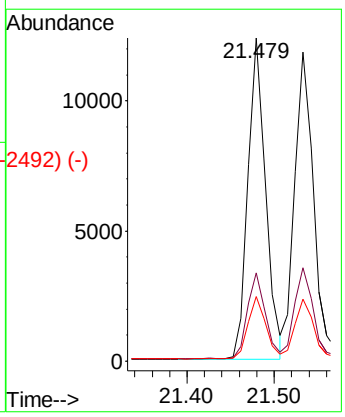


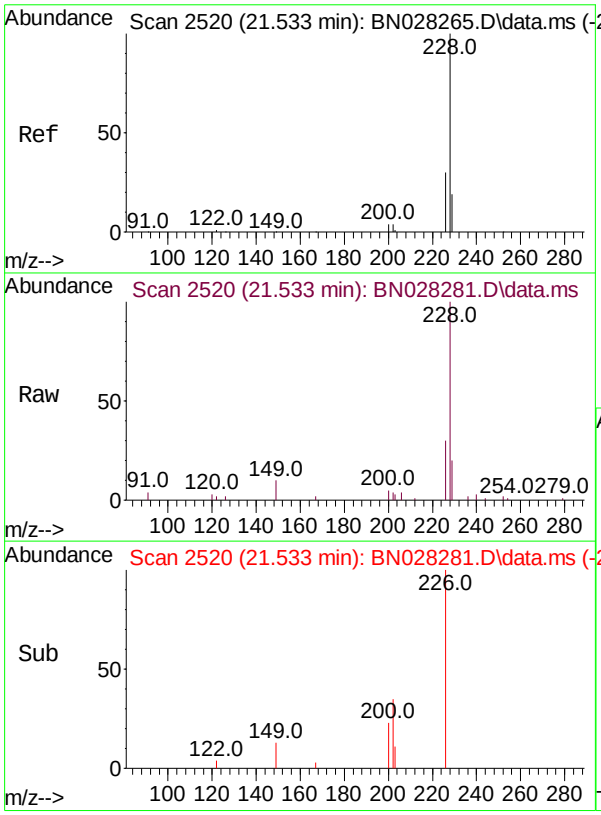


#32
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.479 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:228 Resp: 17477

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.9	34.3
229	20.0	16.6	24.8



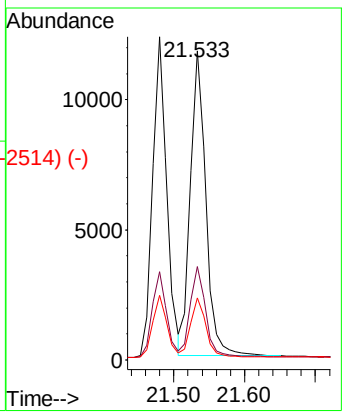


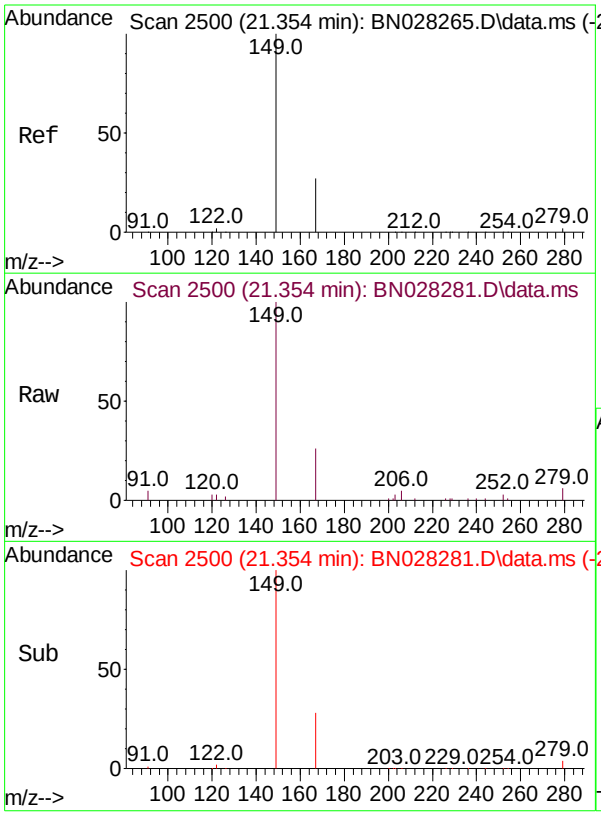
#33
Chrysene
Concen: 0.403 ng
RT: 21.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:228 Resp: 17674

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	20.0	16.6	25.0

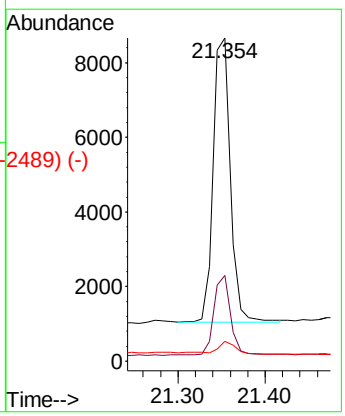


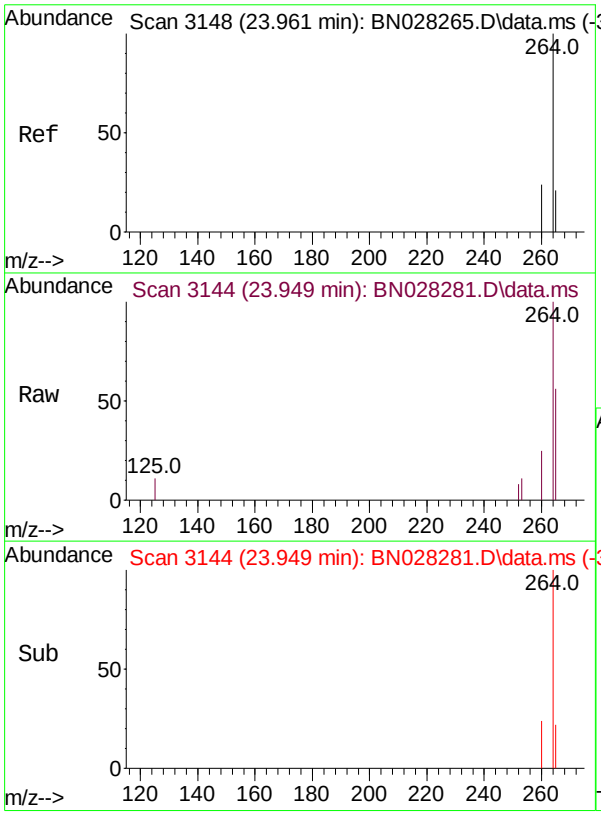


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.354 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:149 Resp: 10345

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	34.0
279	4.6	4.2	6.2



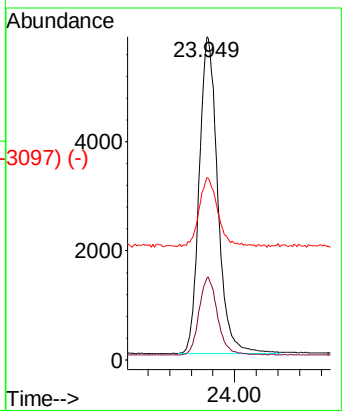


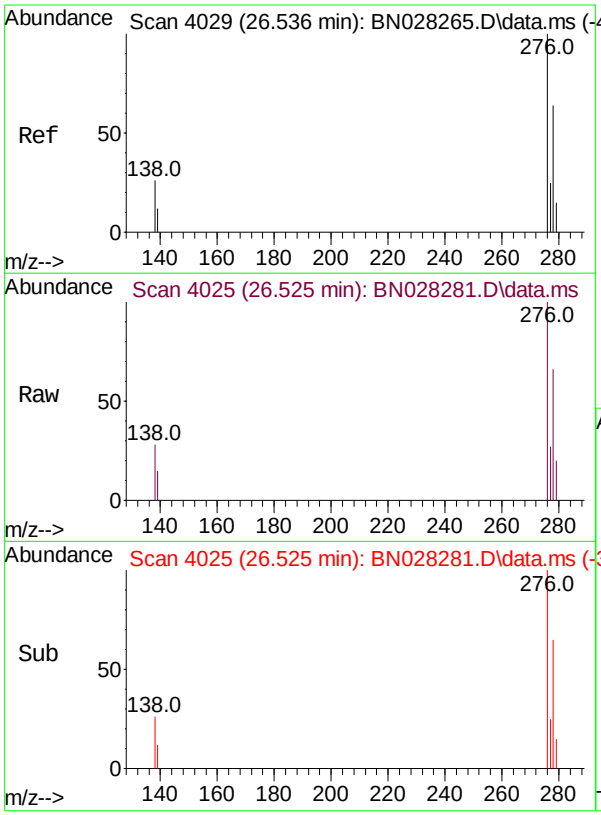
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.949 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:264 Resp: 13730

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.7	31.1
265	56.3	38.3	57.5

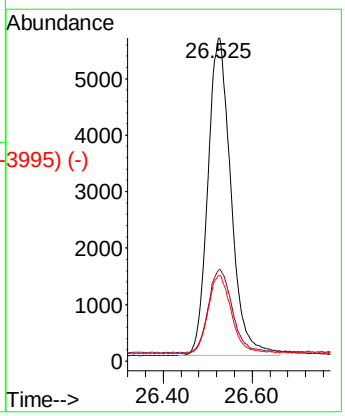


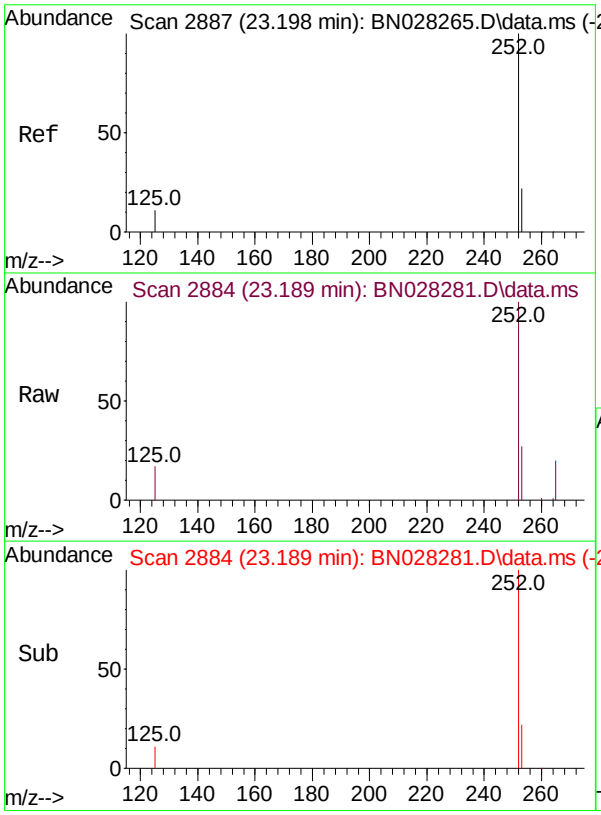


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 26.525 min Scan# 4025
Delta R.T. -0.012 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:276 Resp: 20306

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.3	31.9
277	25.0	20.0	30.0



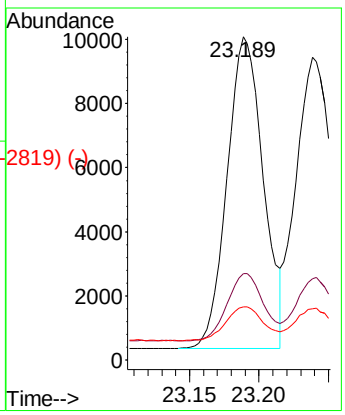


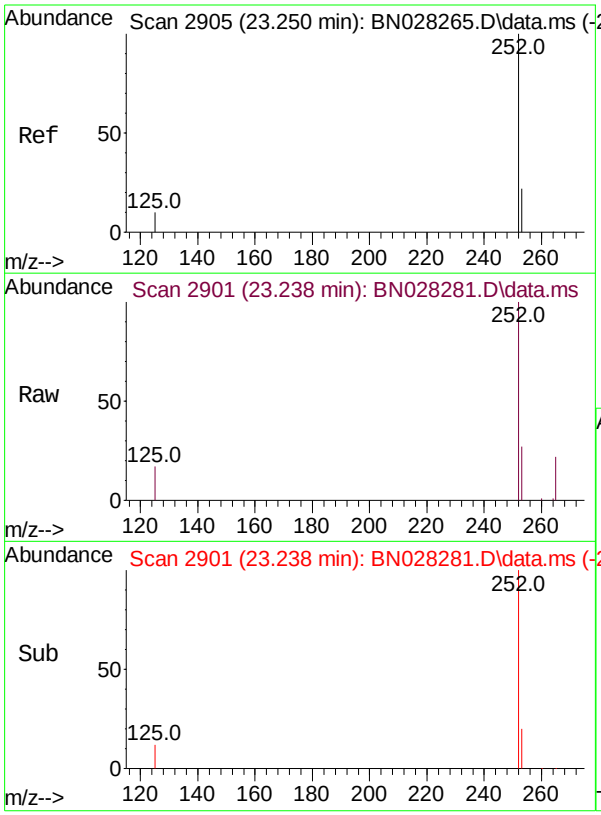
#37
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 23.189 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:252 Resp: 17619

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.8	32.8
125	16.5	15.6	23.4

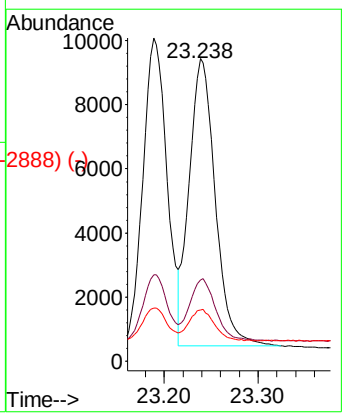


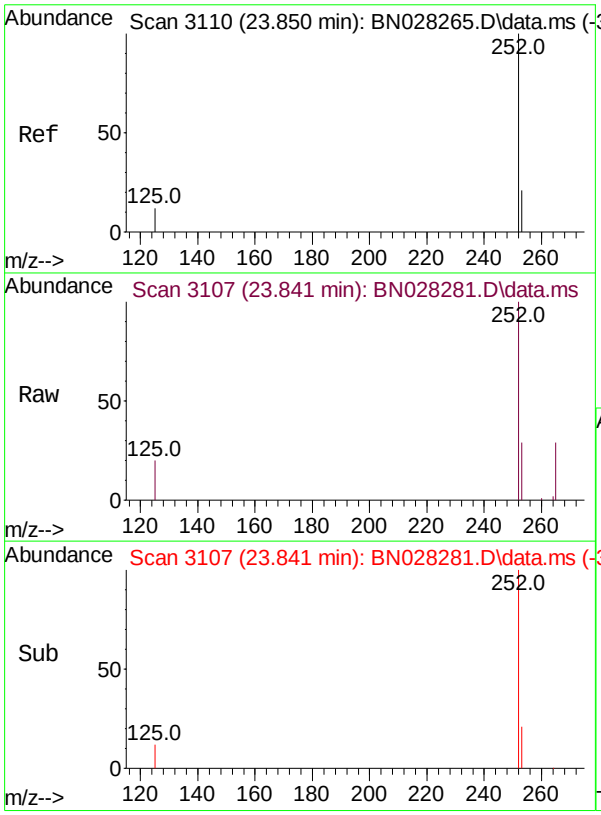


#38
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 23.238 min Scan# 2901
Delta R.T. -0.012 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:252 Resp: 17312

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.0	33.0
125	17.0	15.3	22.9



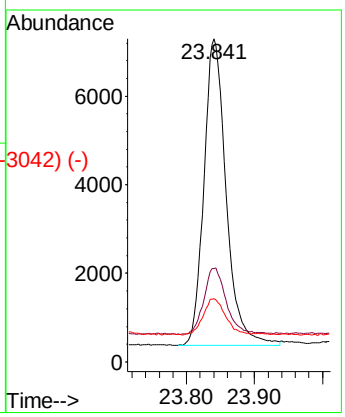


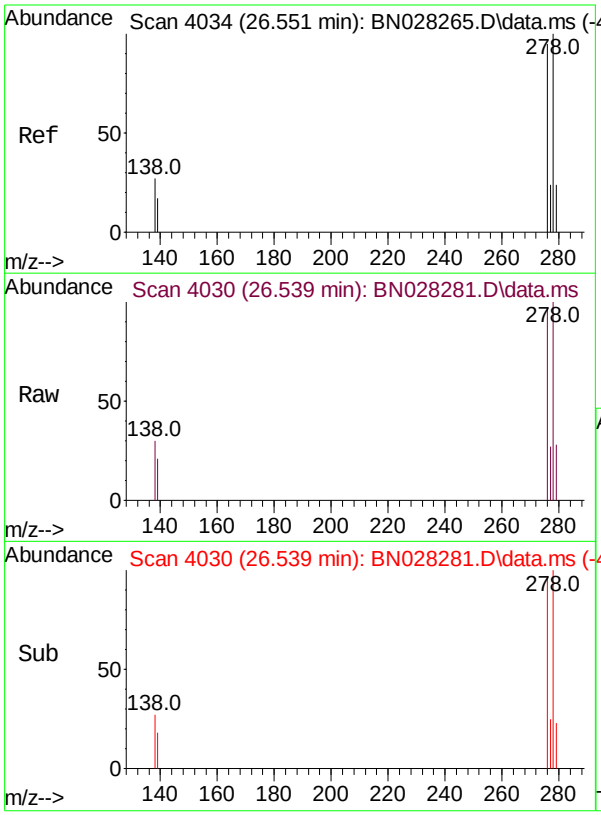
#39
Benzo(a)pyrene
Concen: 0.369 ng
RT: 23.841 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:252 Resp: 15753

Ion	Ratio	Lower	Upper
252	100		
253	28.9	22.7	34.1
125	19.6	17.0	25.6

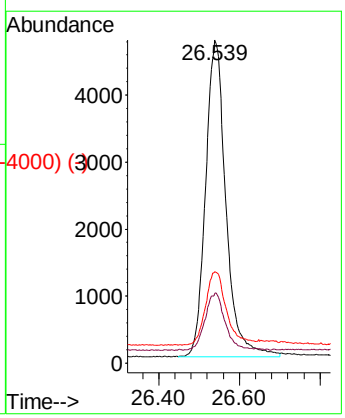


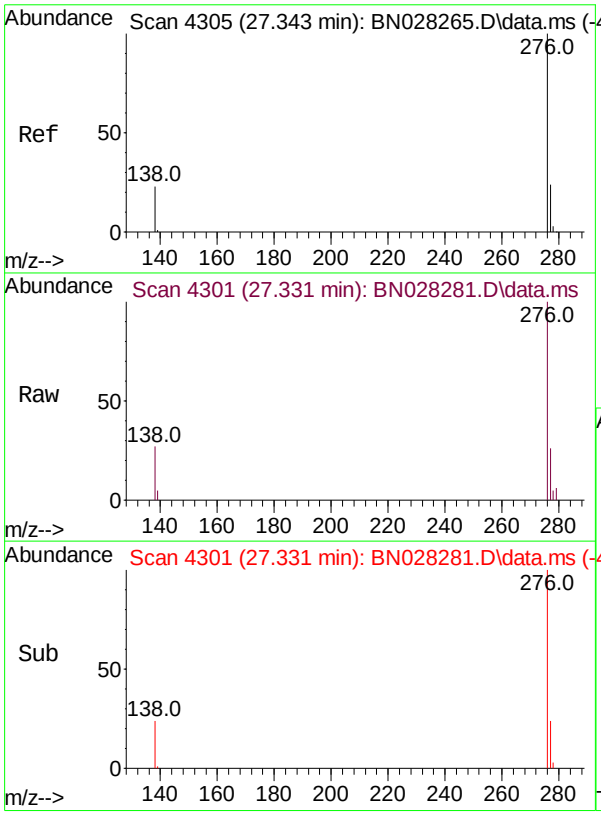


#40
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 26.539 min Scan# 4030
Delta R.T. -0.012 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Tgt Ion:278 Resp: 16491

Ion	Ratio	Lower	Upper
278	100		
139	21.5	18.8	28.2
279	28.3	23.5	35.3





#41
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 27.331 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN028281.D
Acq: 13 Oct 2023 17:05

Instrument :
BNA_N
ClientSampleId :
PB156366BS

Tgt Ion:276 Resp: 16613

Ion	Ratio	Lower	Upper
276	100		
277	26.0	21.7	32.5
138	26.9	21.7	32.5