Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028373.D
Acq On : 24 Oct 2023 11:57
Operator : MA/JU
Sample : PB156426BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Quant Time: Oct 25 01:03:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4495	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	14672	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	6950	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	10873	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	9094	0.400	ng	# 0.00
35) Perylene-d12	23.928	264	11323	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	3536	0.253	ng	0.00
5) Phenol-d6	7.048	99	4368	0.254	ng	0.00
8) Nitrobenzene-d5	9.080	82	3178	0.244	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	5853	0.265	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	588	0.173	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	7233	0.296	ng	-0.02
27) Fluoranthene-d10	19.318	212	6751	0.232	ng	0.00
31) Terphenyl-d14	19.908	244	5352	0.277	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	2092	0.385	ng	# 85
3) n-Nitrosodimethylamine	3.653	42	3186	0.537	ng	# 96
6) bis(2-Chloroethyl)ether	7.315	93	7184	0.542	ng	99
9) Naphthalene	10.735	128	20116	0.529	ng	99
10) Hexachlorobutadiene	10.959	225	3540	0.542	ng	# 99
12) 2-Methylnaphthalene	12.351	142	12499	0.462	ng	100
16) Acenaphthylene	14.255	152	20156	0.645	ng	97
17) Acenaphthene	14.587	154	10455	0.531	ng	99
18) Fluorene	15.568	166	12438	0.480	ng	97
21) 4-Bromophenyl-phenylether	16.462	248	3313	0.592	ng	# 75
22) Hexachlorobenzene	16.549	284	3374	0.585	ng	99
23) Atrazine	16.748	200	2982	0.568	ng	98
25) Phenanthrene	17.331	178	15944	0.536	ng	99
26) Anthracene	17.418	178	14870	0.523	ng	100
28) Fluoranthene	19.351	202	17115	0.458	ng	# 84
30) Pyrene	19.718	202	18100	0.582	ng	99
32) Benzo(a)anthracene	21.462	228	18541	0.574	ng	97
33) Chrysene	21.515	228	16900	0.547	ng	96
34) Bis(2-ethylhexyl)phtha...	21.336	149	11671	0.473	ng	98
36) Indeno(1,2,3-cd)pyrene	26.486	276	24070	0.527	ng	99
37) Benzo(b)fluoranthene	23.171	252	19186	0.542	ng	95
38) Benzo(k)fluoranthene	23.221	252	18632	0.517	ng	93
39) Benzo(a)pyrene	23.820	252	17585	0.499	ng	# 92
40) Dibenzo(a,h)anthracene	26.501	278	19547	0.527	ng	96
41) Benzo(g,h,i)perylene	27.290	276	19659	0.514	ng	98

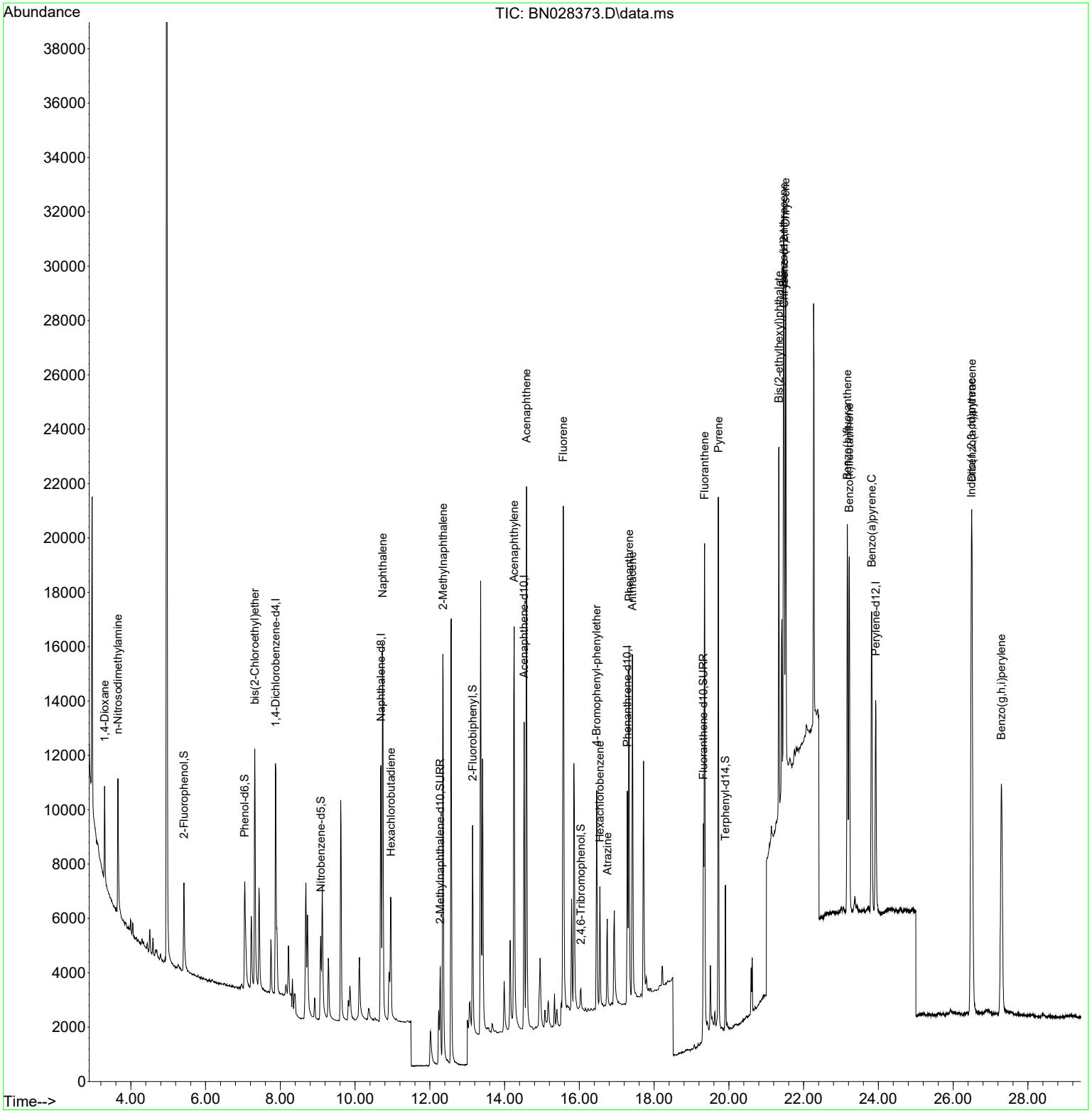
(#) = qualifier out of range (m) = manual integration (+) = signals summed

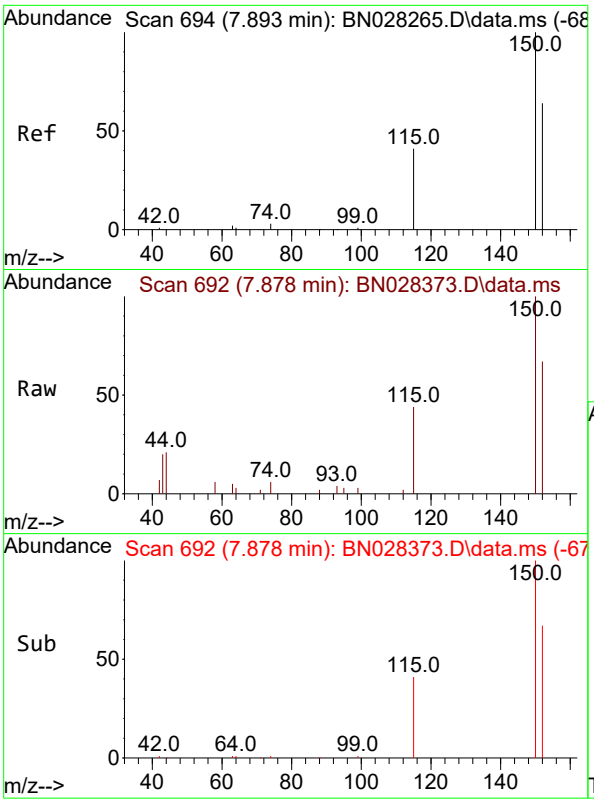
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028373.D
Acq On : 24 Oct 2023 11:57
Operator : MA/JU
Sample : PB156426BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Quant Time: Oct 25 01:03:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration



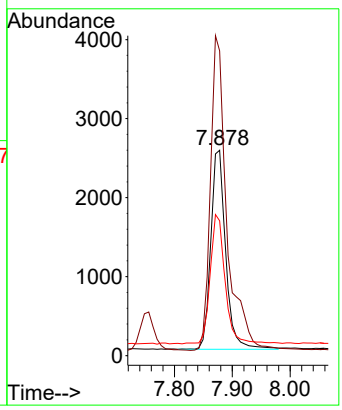


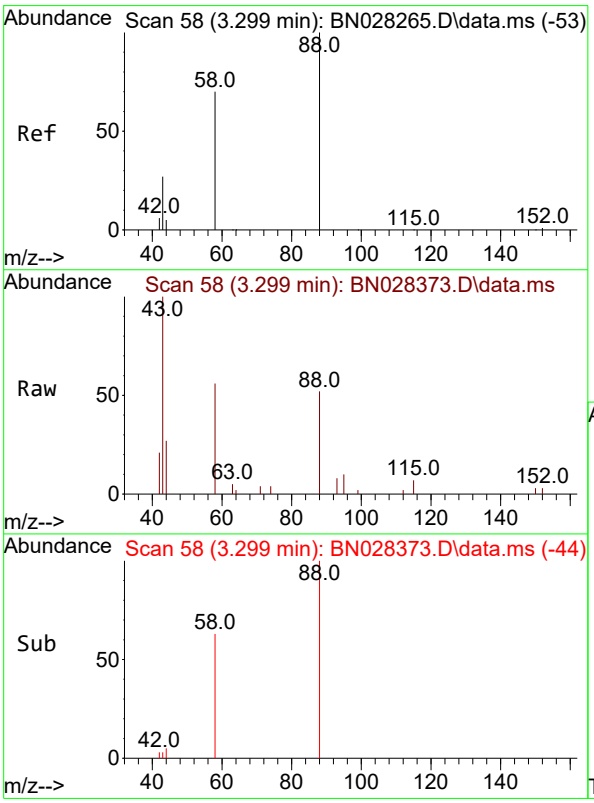
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:152 Resp: 4495

Ion	Ratio	Lower	Upper
152	100		
150	148.4	121.6	182.4
115	65.7	54.3	81.5

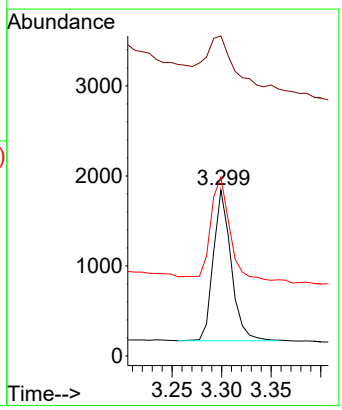


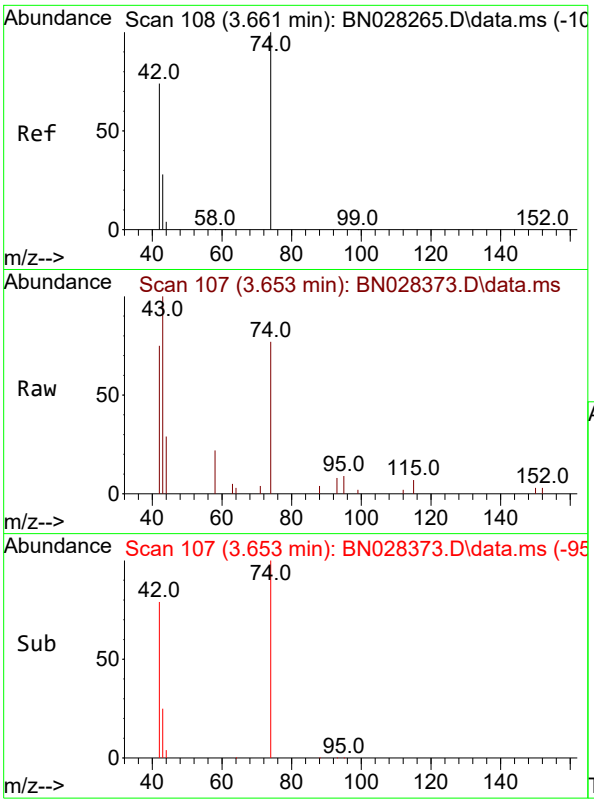


#2
1,4-Dioxane
Concen: 0.385 ng
RT: 3.299 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion: 88 Resp: 2092

Ion	Ratio	Lower	Upper
88	100		
43	55.9	26.6	39.8#
58	71.9	55.4	83.0



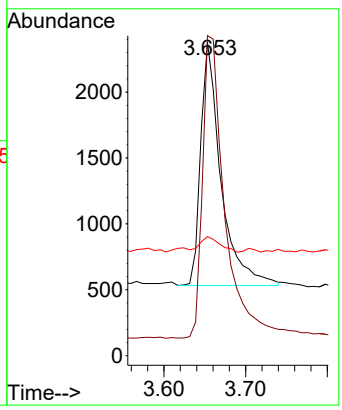


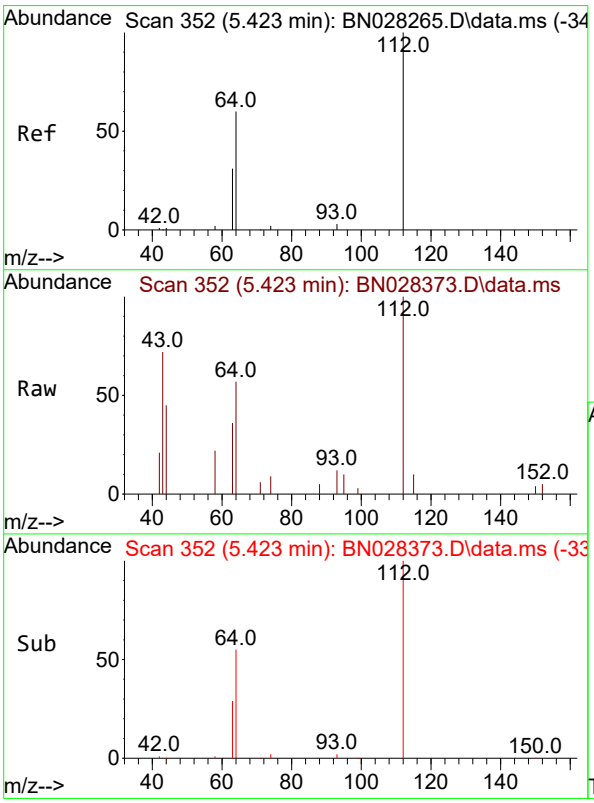
#3
n-Nitrosodimethylamine
Concen: 0.537 ng
RT: 3.653 min Scan# 1(
Delta R.T. -0.015 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion: 42 Resp: 3186

Ion	Ratio	Lower	Upper
42	100		
74	135.5	112.6	168.8
44	7.4	7.8	11.6#

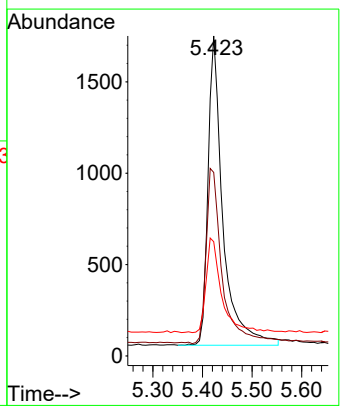


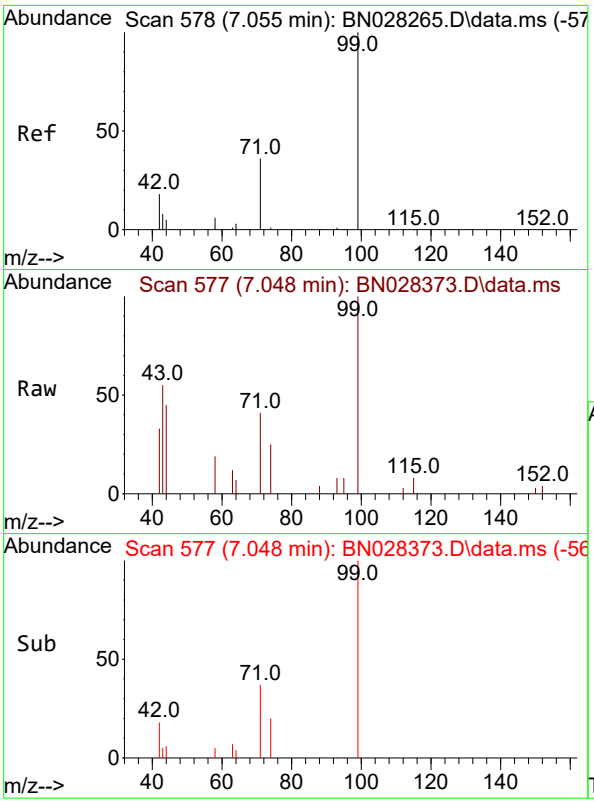


#4
2-Fluorophenol
Concen: 0.253 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.007 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:112 Resp: 3536

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.9	70.3
63	32.0	25.0	37.4



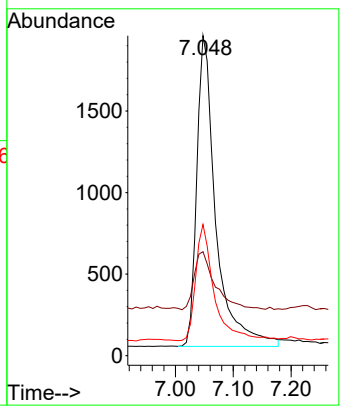


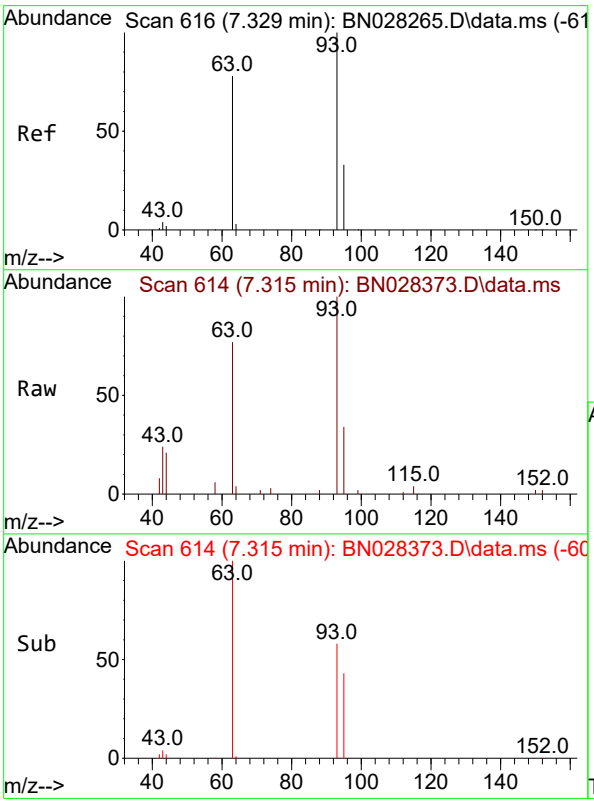
#5
Phenol-d6
Concen: 0.254 ng
RT: 7.048 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion: 99 Resp: 4368

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.9	23.9
71	36.6	28.6	42.8

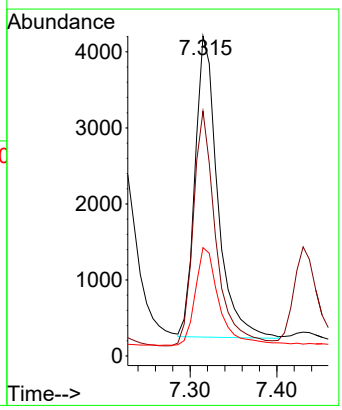


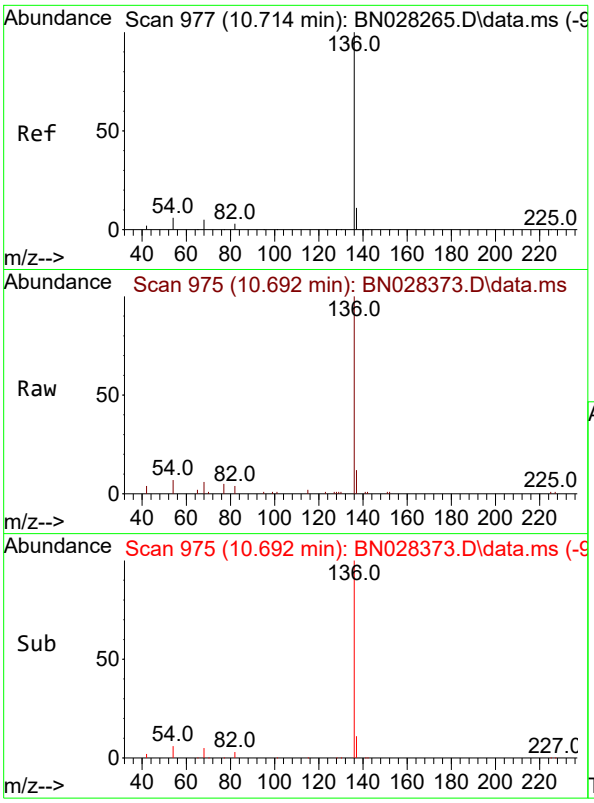


#6
bis(2-Chloroethyl)ether
Concen: 0.542 ng
RT: 7.315 min Scan# 614
Delta R.T. -0.007 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion: 93 Resp: 7184

Ion	Ratio	Lower	Upper
93	100		
63	78.3	62.6	93.8
95	35.4	27.2	40.8



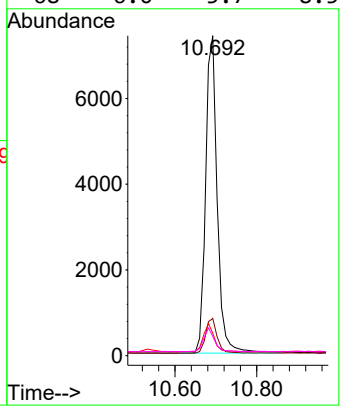


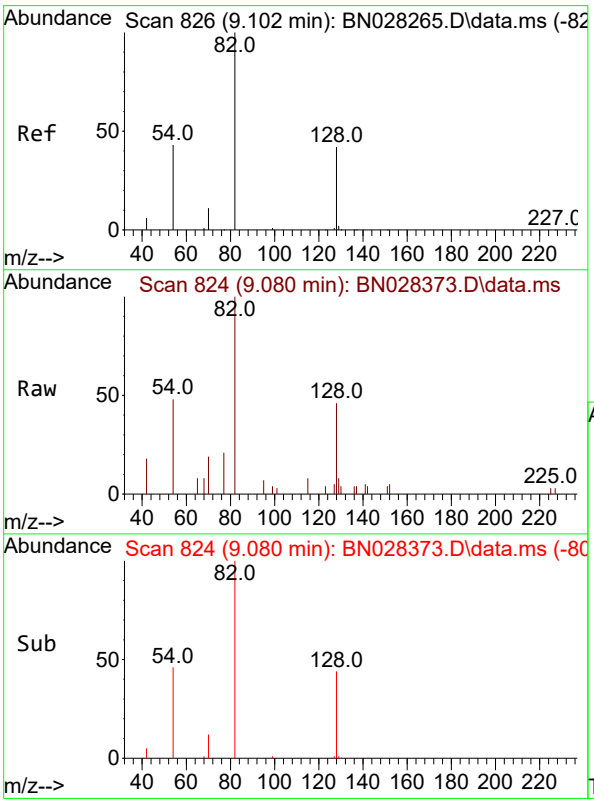
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.692 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:136 Resp: 14672

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	7.1	6.2	9.4
68	6.0	5.7	8.5

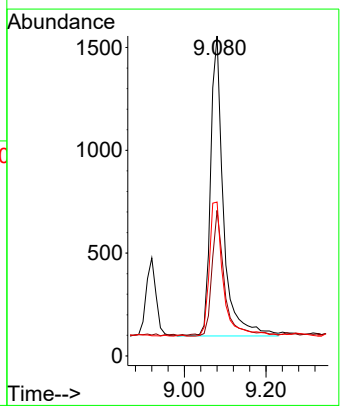


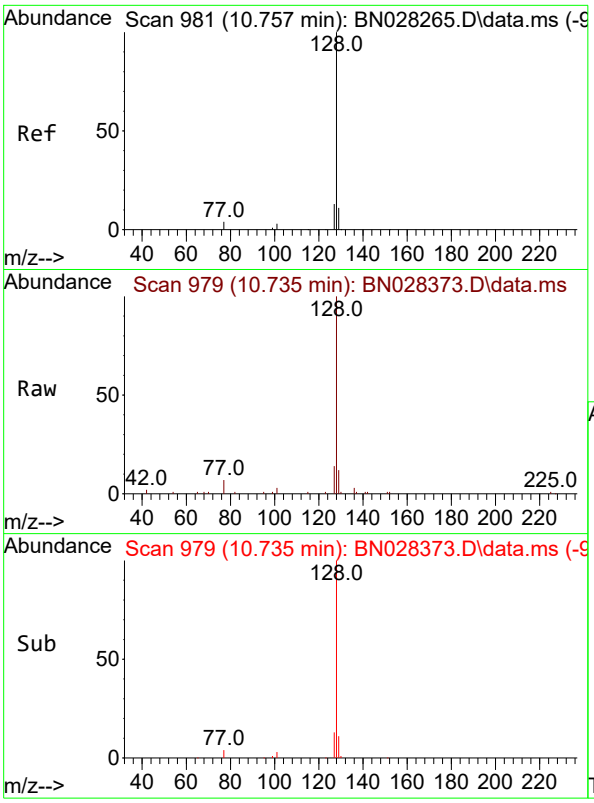


#8
Nitrobenzene-d5
Concen: 0.244 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion: 82 Resp: 3178

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.8	55.2
54	48.1	37.4	56.2



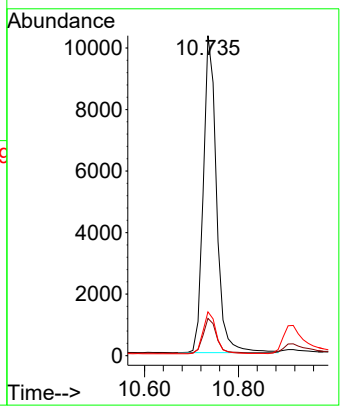


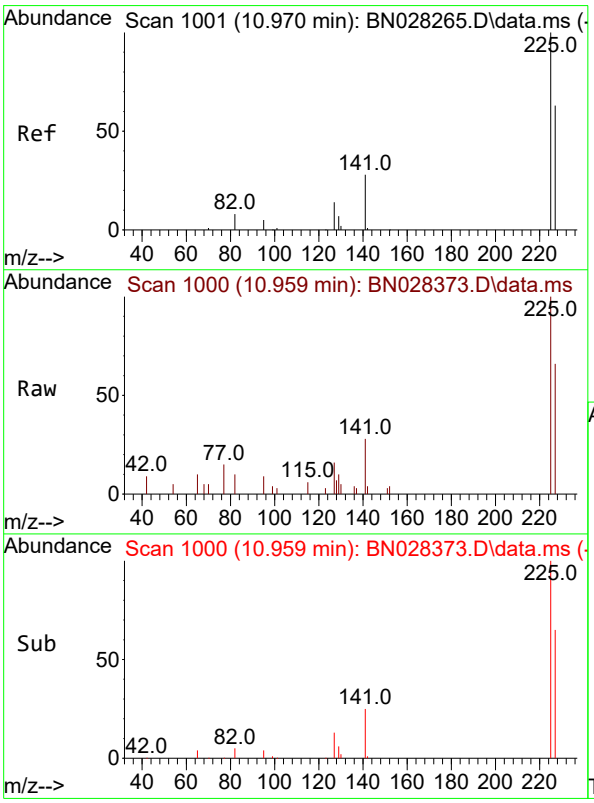
#9
Naphthalene
Concen: 0.529 ng
RT: 10.735 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:128 Resp: 20116

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	13.7	11.4	17.0

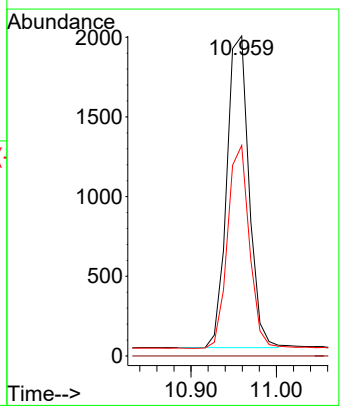


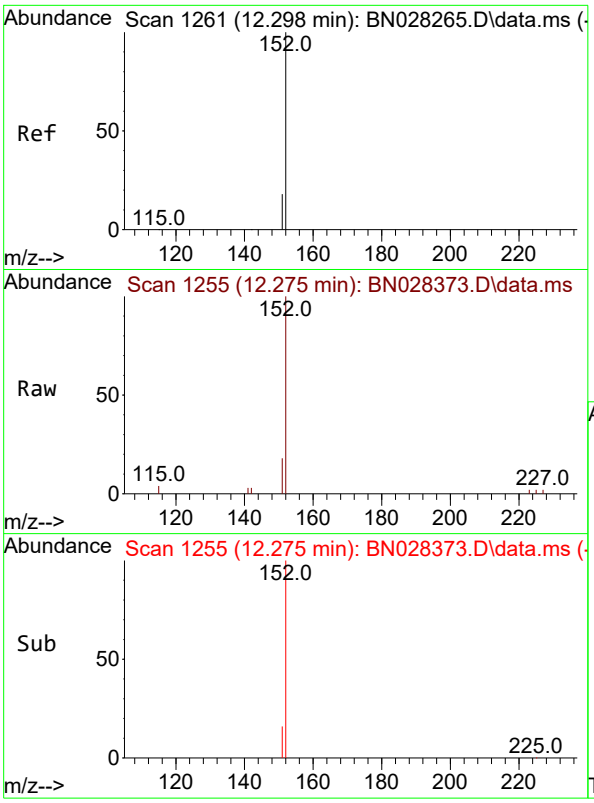


#10
Hexachlorobutadiene
Concen: 0.542 ng
RT: 10.959 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:225 Resp: 3540

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.6	77.4



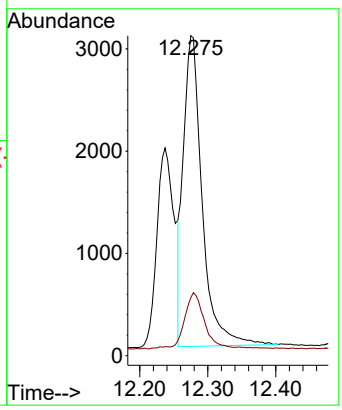


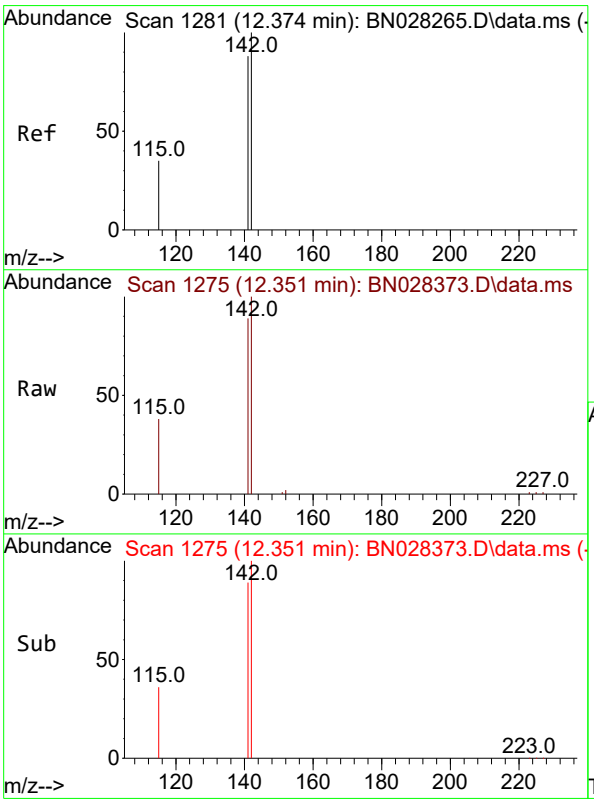
#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.275 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:152 Resp: 5853

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.1	24.1

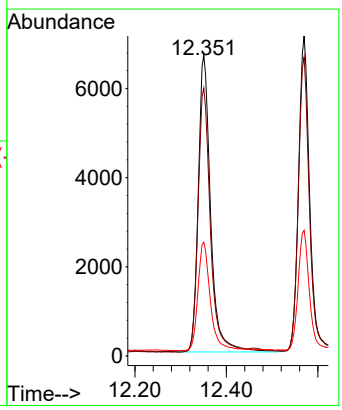


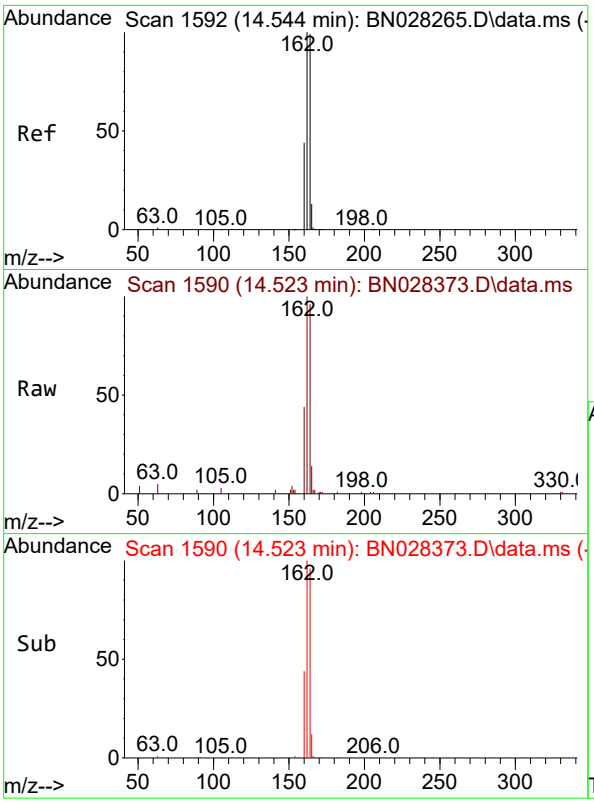


#12
2-Methylnaphthalene
Concen: 0.462 ng
RT: 12.351 min Scan# 1275
Delta R.T. -0.019 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:142 Resp: 12499

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7
115	37.8	29.9	44.9



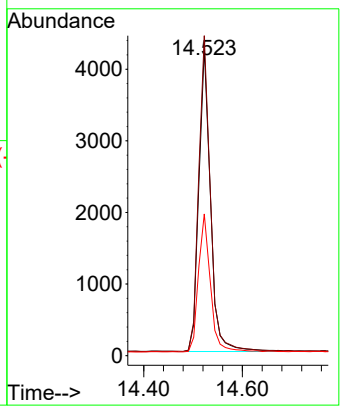


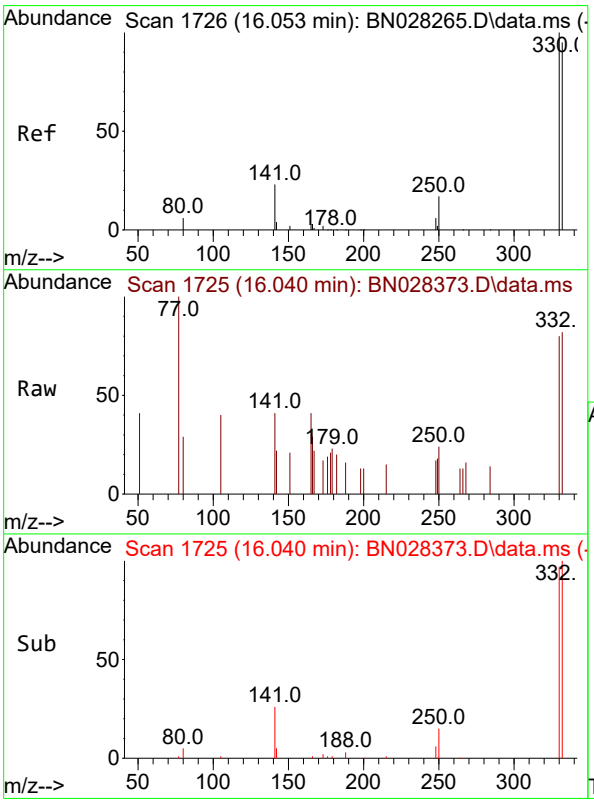
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:164 Resp: 6950

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.1	121.7
160	46.1	36.6	54.8

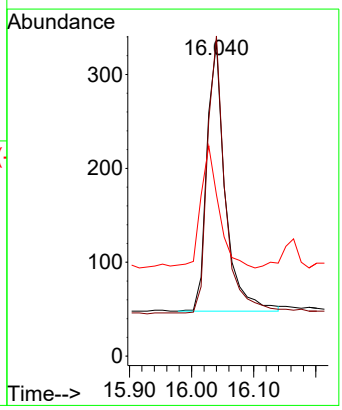


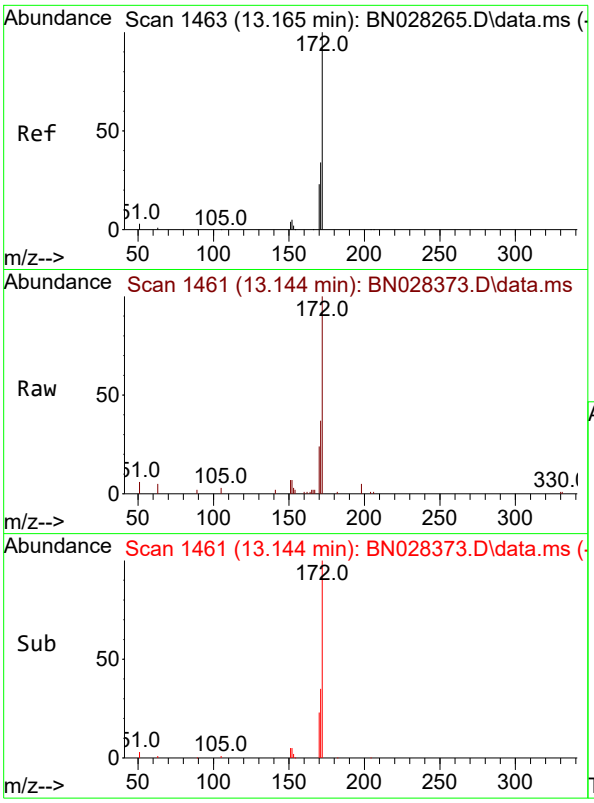


#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.025 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:330 Resp: 588

Ion	Ratio	Lower	Upper
330	100		
332	98.8	74.1	111.1
141	44.4	32.1	48.1



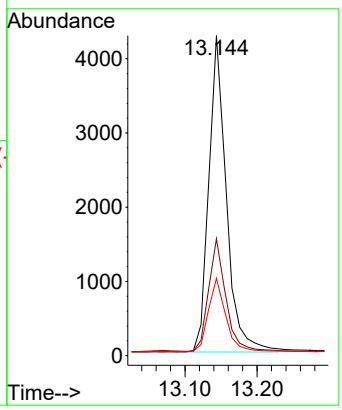


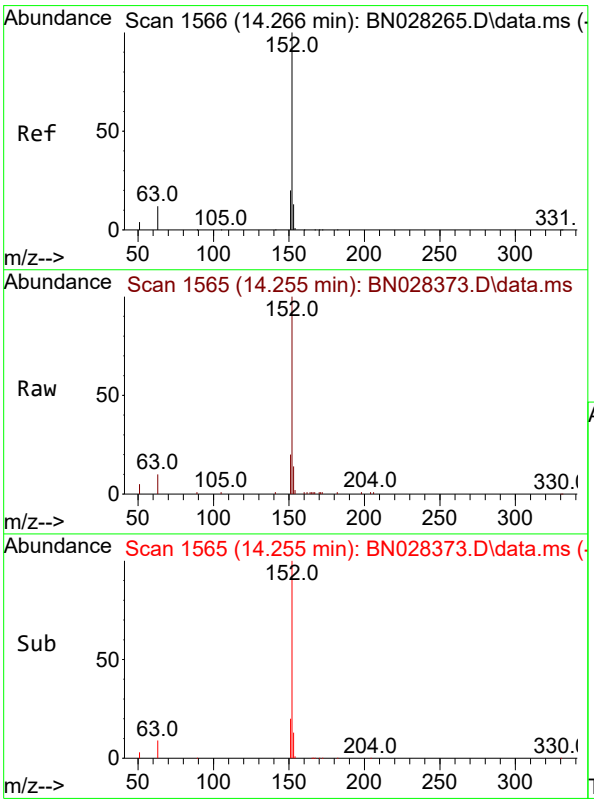
#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.144 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:172 Resp: 7233

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.3	42.5
170	24.1	18.7	28.1

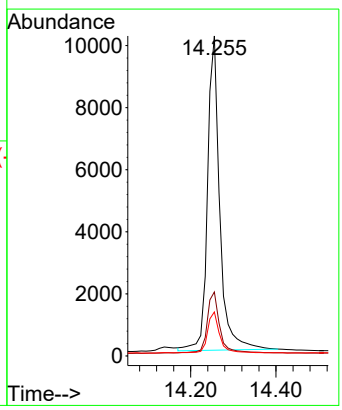


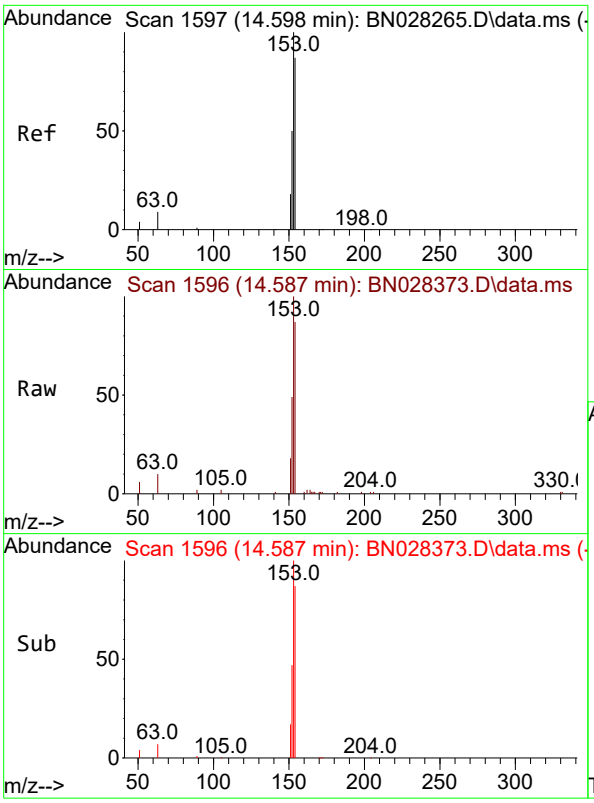


#16
Acenaphthylene
Concen: 0.645 ng
RT: 14.255 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:152 Resp: 20156

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.6	23.4
153	12.6	10.6	16.0



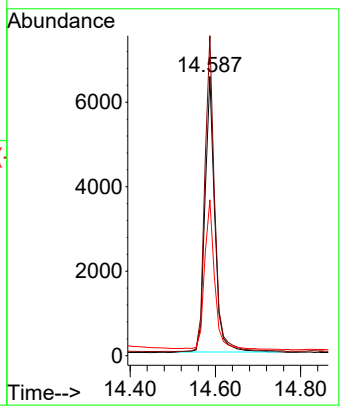


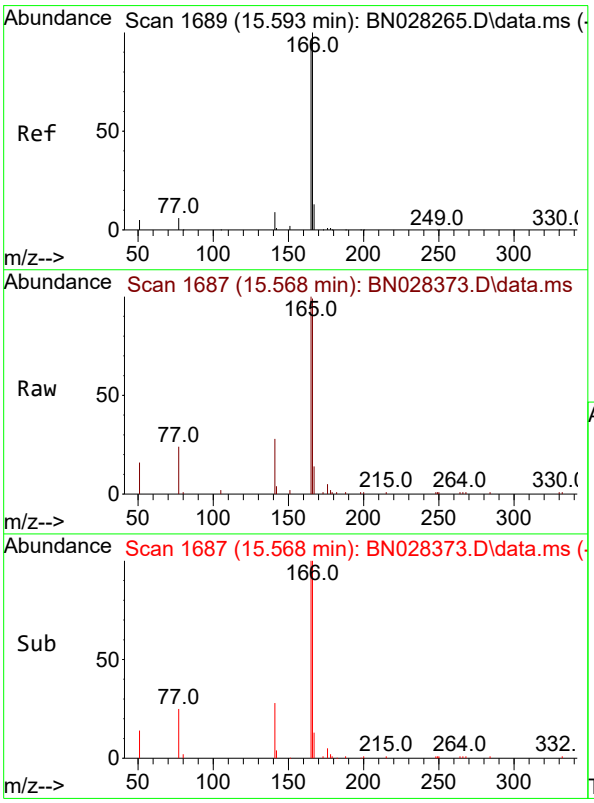
#17
Acenaphthene
Concen: 0.531 ng
RT: 14.587 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:154 Resp: 10455

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.7	136.1
152	55.5	43.6	65.4

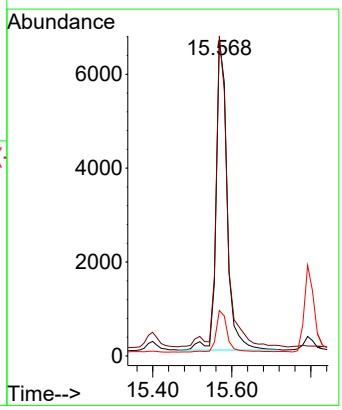


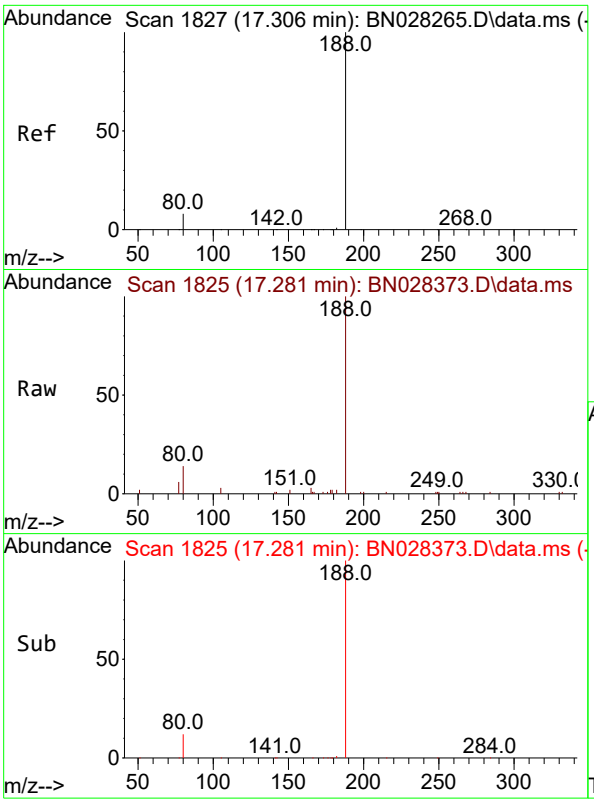


#18
Fluorene
Concen: 0.480 ng
RT: 15.568 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:166 Resp: 12438

Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.3	118.9
167	14.0	10.9	16.3



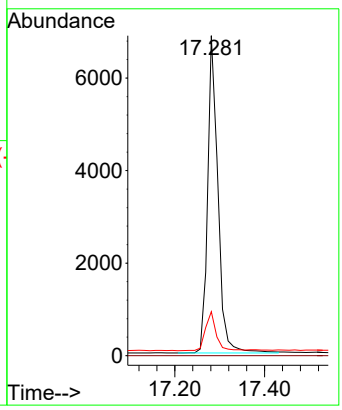


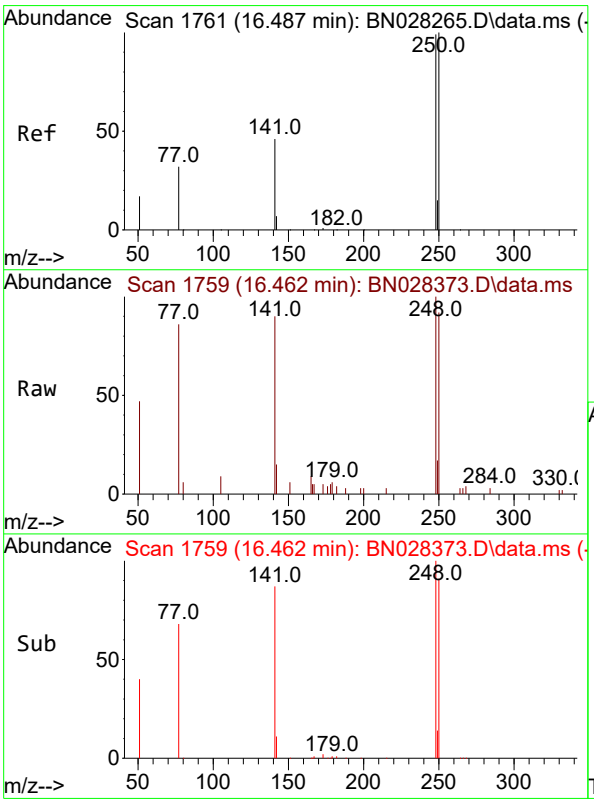
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:188 Resp: 10873

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	7.1	10.7#

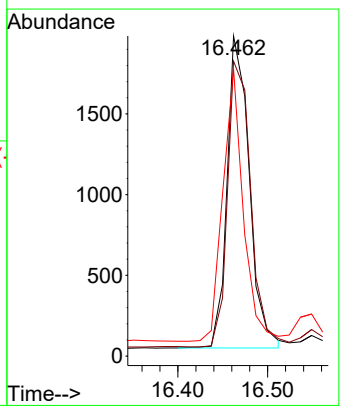


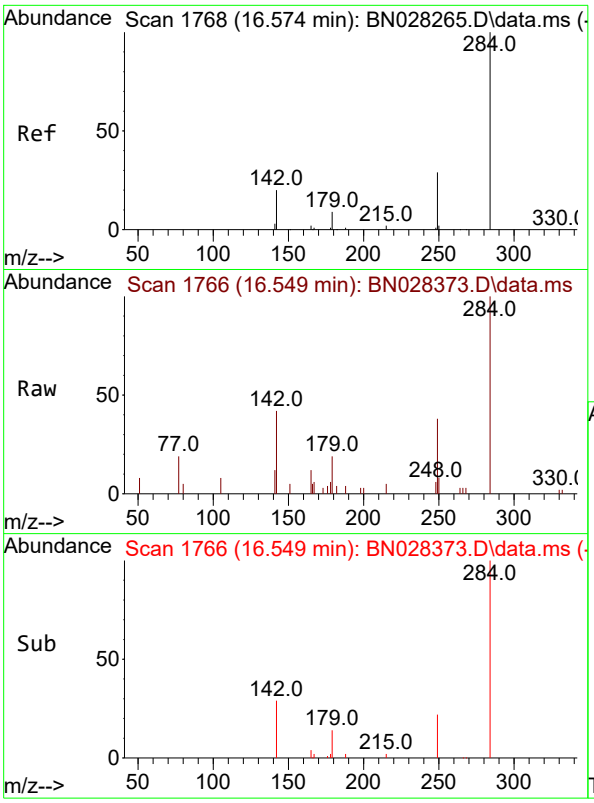


#21
4-Bromophenyl-phenylether
Concen: 0.592 ng
RT: 16.462 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:248 Resp: 3313

Ion	Ratio	Lower	Upper
248	100		
250	92.1	80.5	120.7
141	89.7	38.9	58.3#



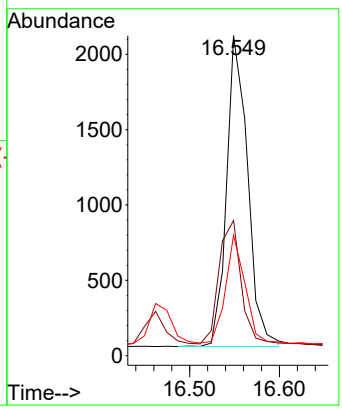


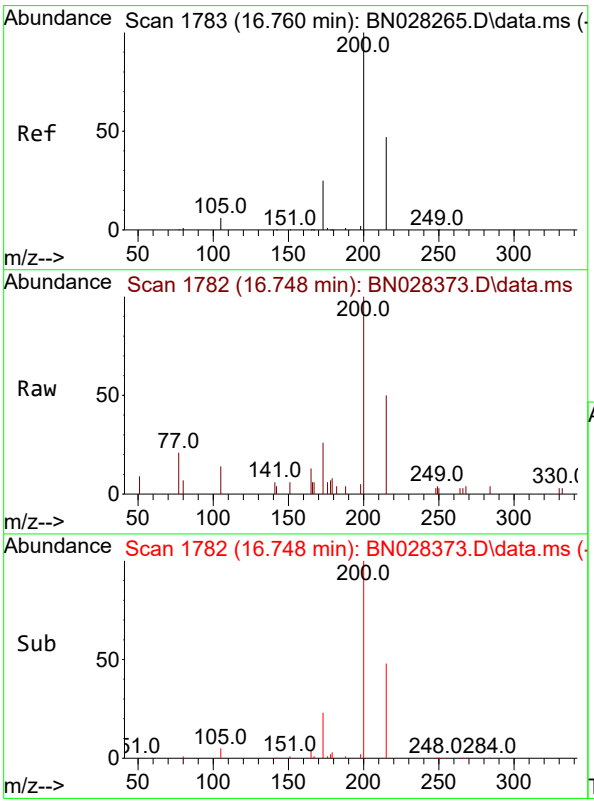
#22
Hexachlorobenzene
Concen: 0.585 ng
RT: 16.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:284 Resp: 3374

Ion	Ratio	Lower	Upper
284	100		
142	41.3	32.1	48.1
249	31.8	25.5	38.3

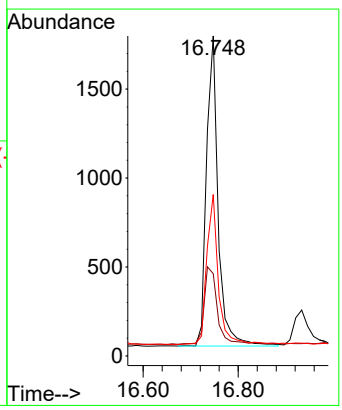


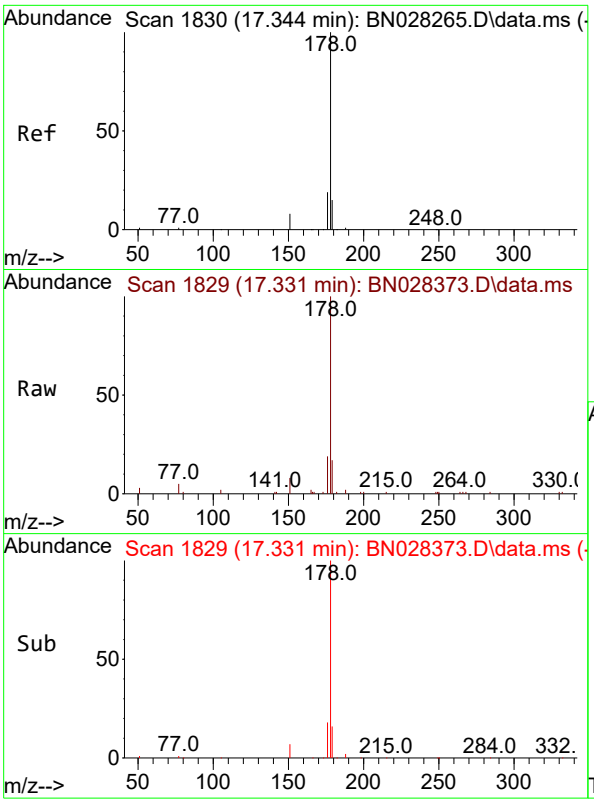


#23
Atrazine
Concen: 0.568 ng
RT: 16.748 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:200 Resp: 2982

Ion	Ratio	Lower	Upper
200	100		
173	25.7	21.6	32.4
215	50.5	39.0	58.6



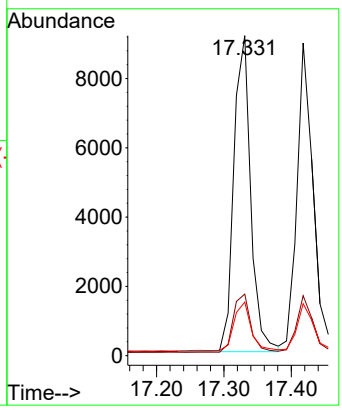


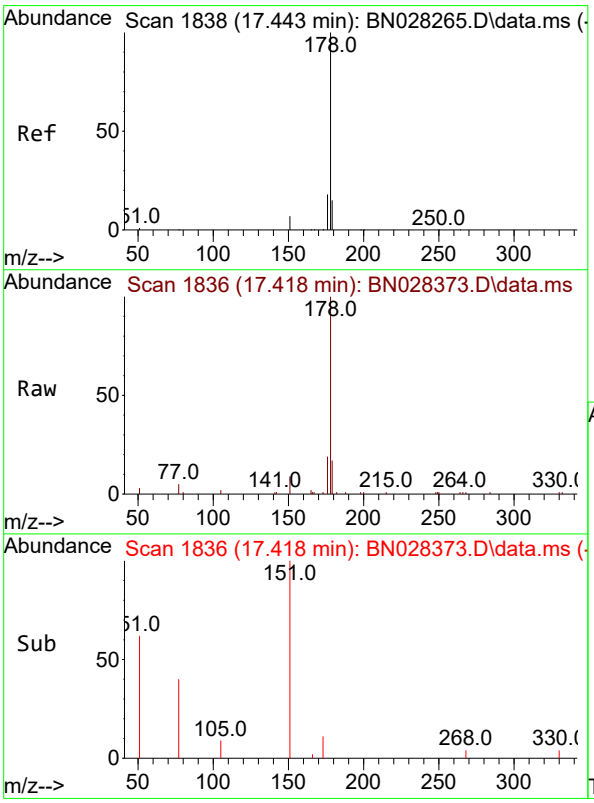
#25
Phenanthrene
Concen: 0.536 ng
RT: 17.331 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:178 Resp: 15944

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	16.2	12.5	18.7

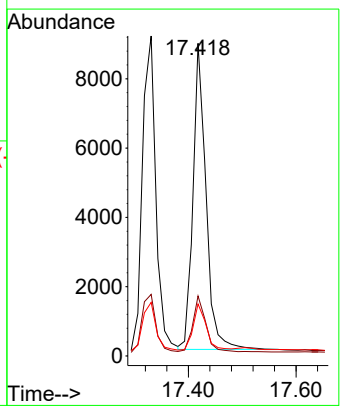


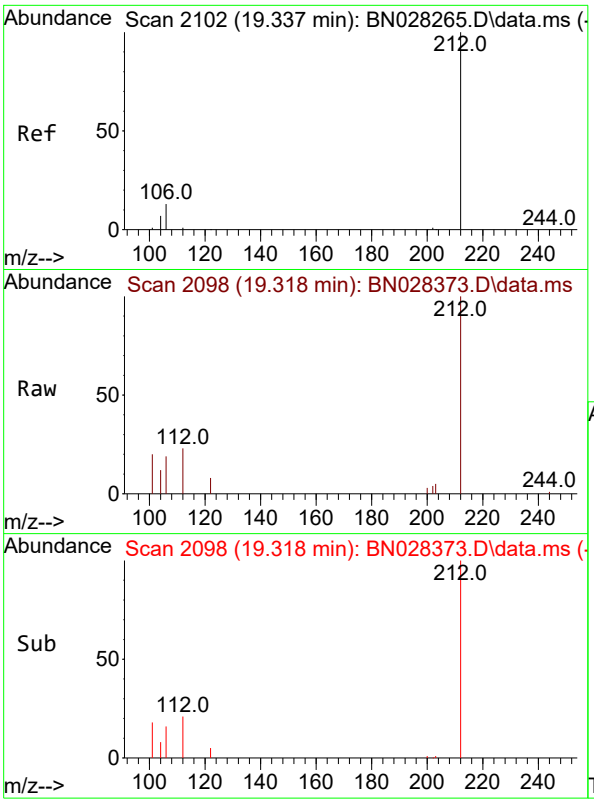


#26
Anthracene
Concen: 0.523 ng
RT: 17.418 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:178 Resp: 14870

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.9	12.2	18.4



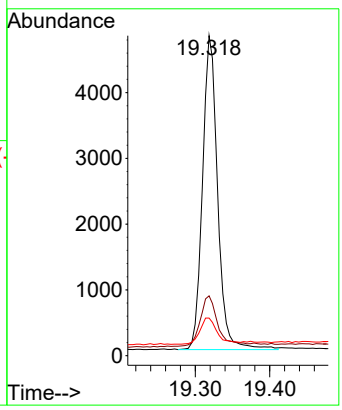


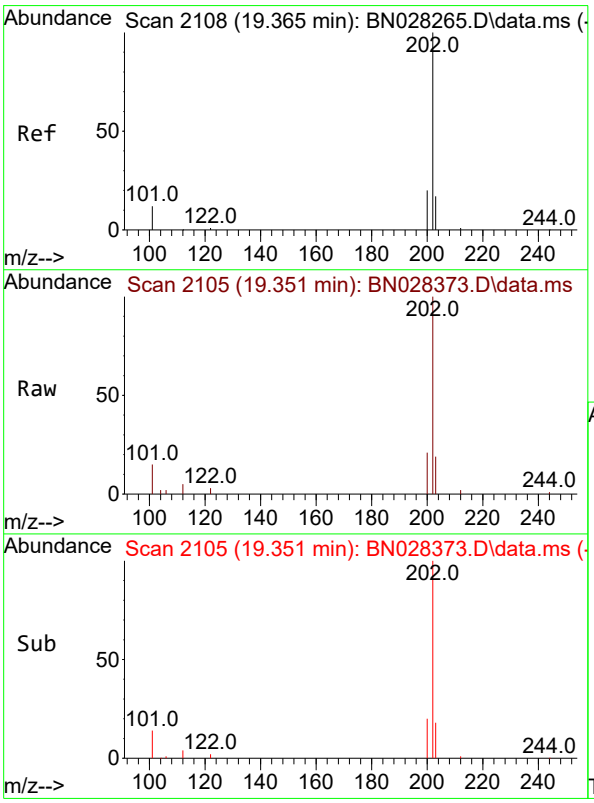
#27
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.318 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:212 Resp: 6751

Ion	Ratio	Lower	Upper
212	100		
106	19.7	11.5	17.3#
104	9.6	6.7	10.1

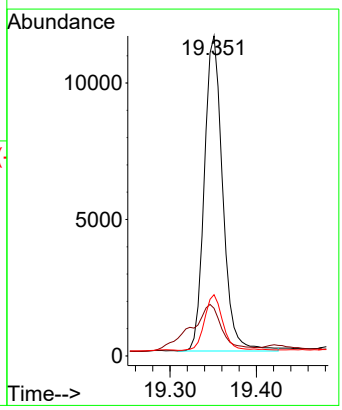


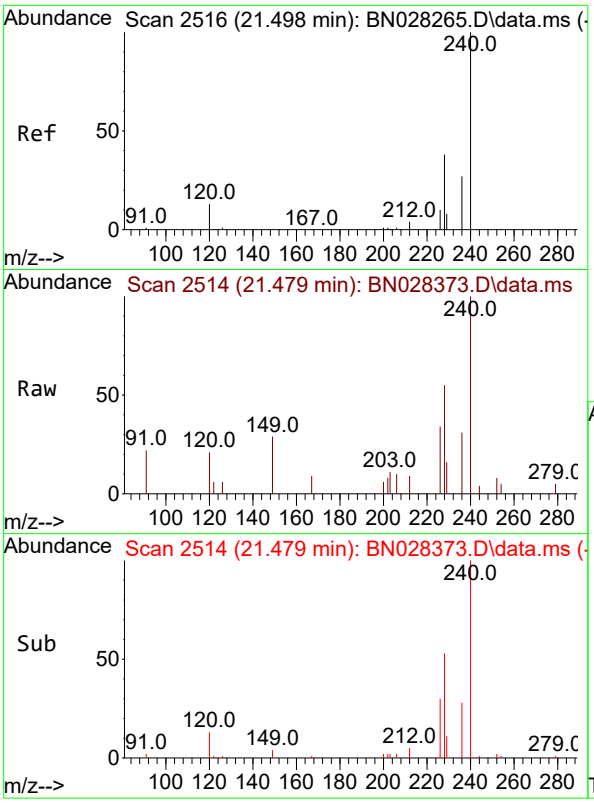


#28
Fluoranthene
Concen: 0.458 ng
RT: 19.351 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:202 Resp: 17115

Ion	Ratio	Lower	Upper
202	100		
101	27.7	10.1	15.1#
203	17.3	13.9	20.9



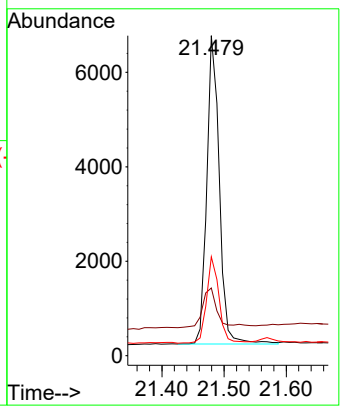


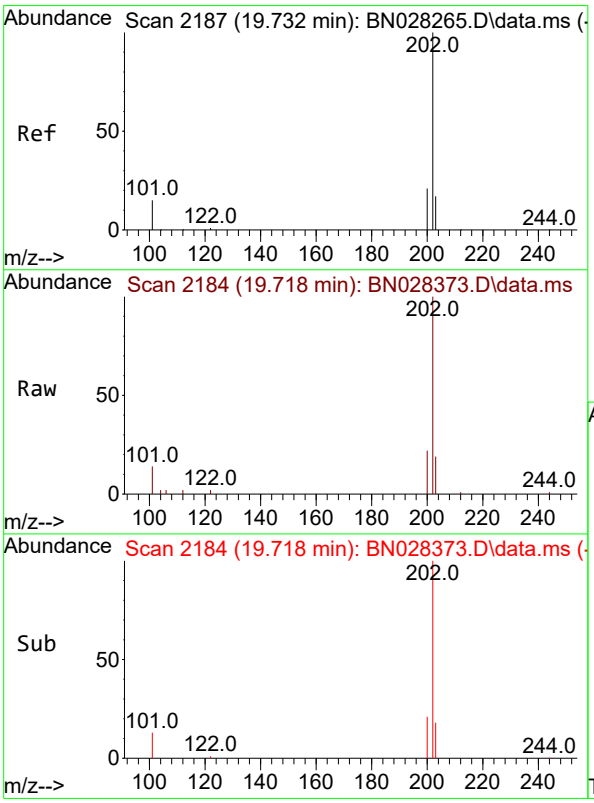
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.479 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:240 Resp: 9094

Ion	Ratio	Lower	Upper
240	100		
120	21.1	13.4	20.0#
236	30.9	22.7	34.1

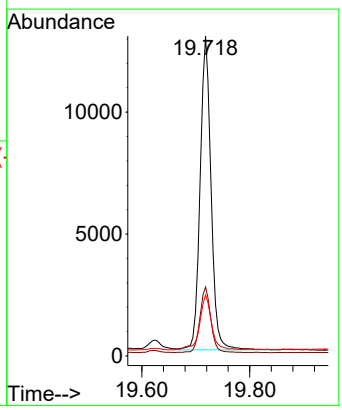


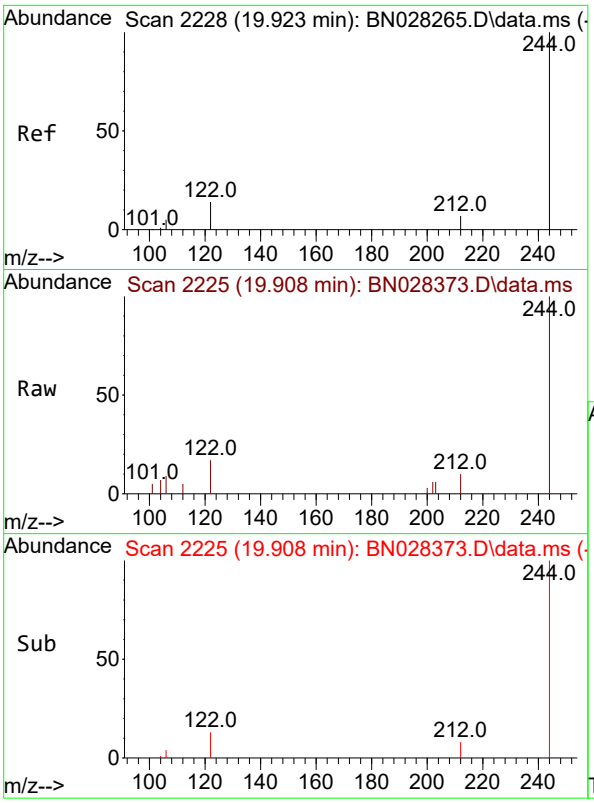


#30
Pyrene
Concen: 0.582 ng
RT: 19.718 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:202 Resp: 18100

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	19.0	14.5	21.7



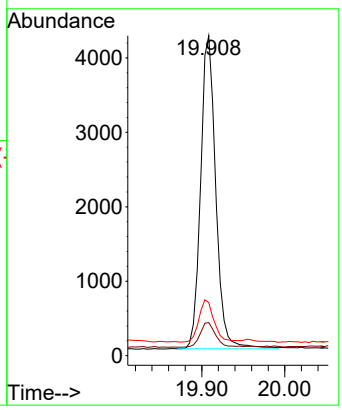


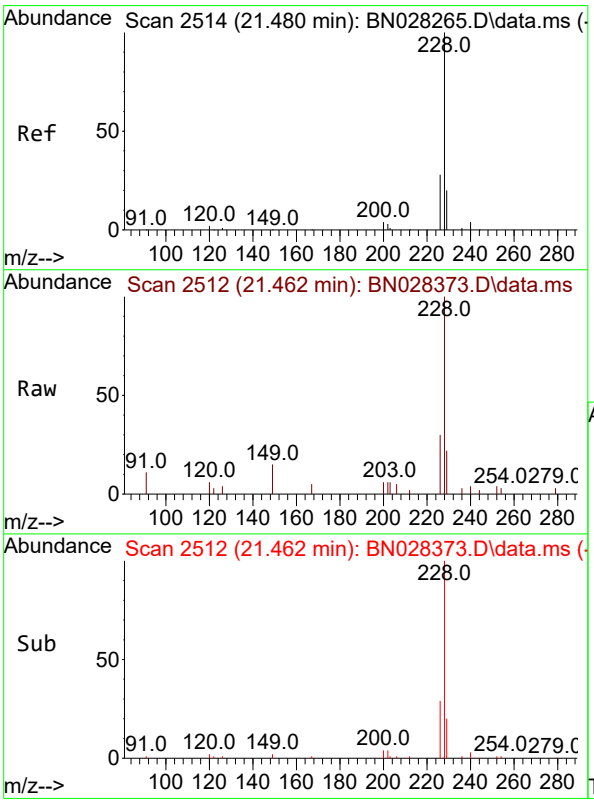
#31
Terphenyl-d14
Concen: 0.277 ng
RT: 19.908 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:244 Resp: 5352

Ion	Ratio	Lower	Upper
244	100		
212	10.3	6.6	10.0#
122	16.6	11.7	17.5

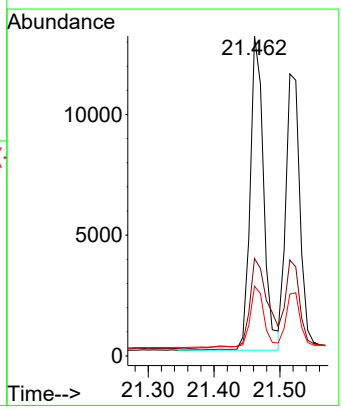


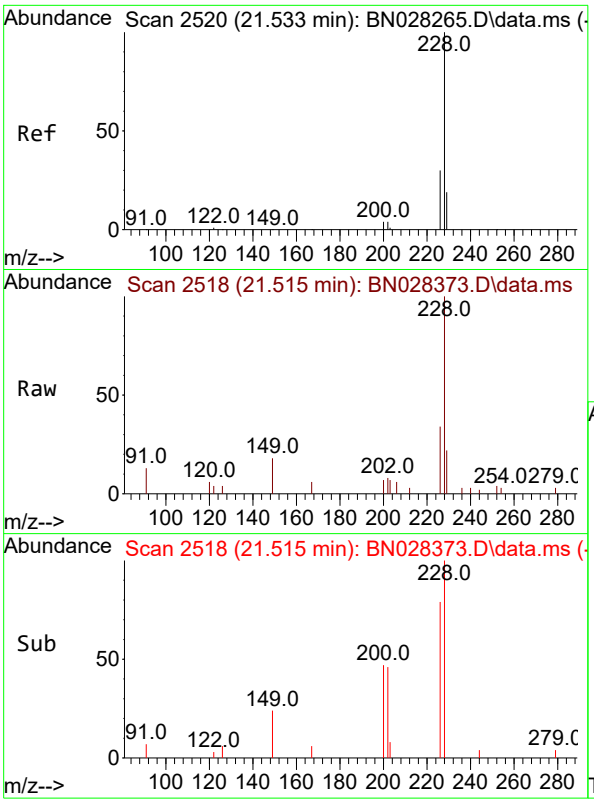


#32
Benzo(a)anthracene
Concen: 0.574 ng
RT: 21.462 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:228 Resp: 18541

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.9	34.3
229	21.8	16.6	24.8



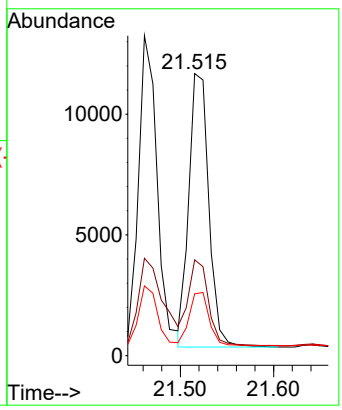


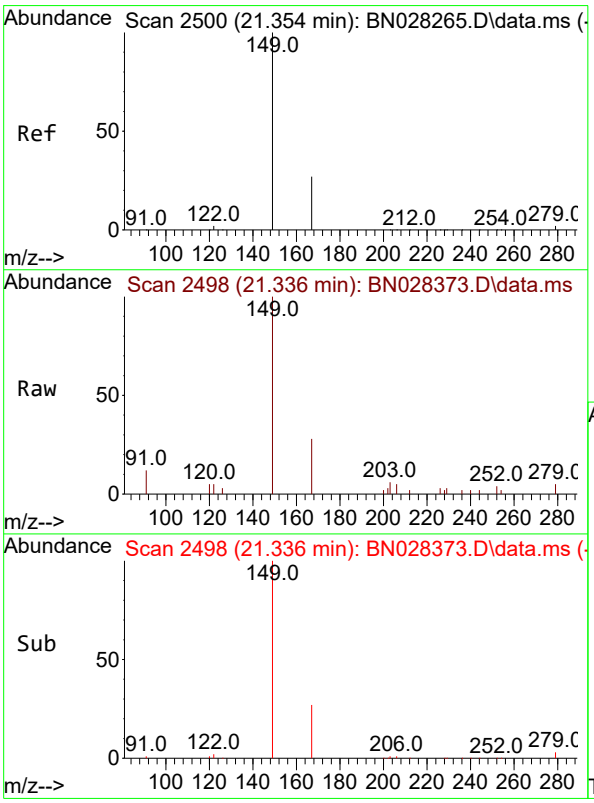
#33
Chrysene
Concen: 0.547 ng
RT: 21.515 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:228 Resp: 16900

Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.2	37.8
229	21.9	16.6	25.0

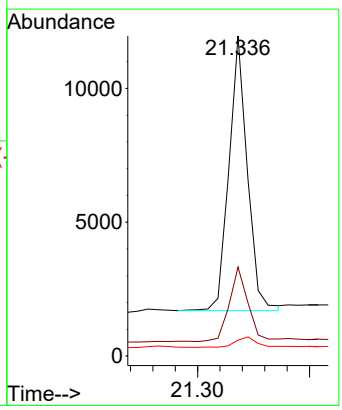


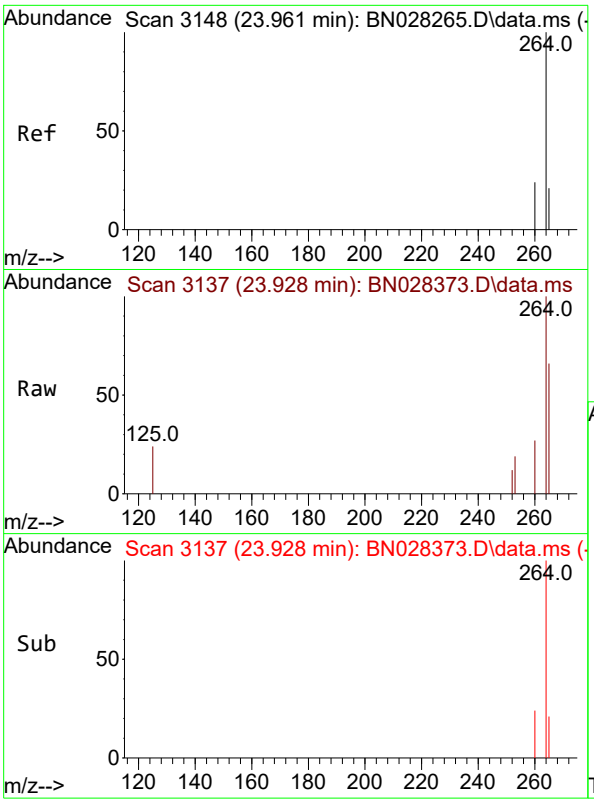


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.473 ng
RT: 21.336 min Scan# 2498
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:149 Resp: 11671

Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.6	34.0
279	4.7	4.2	6.2



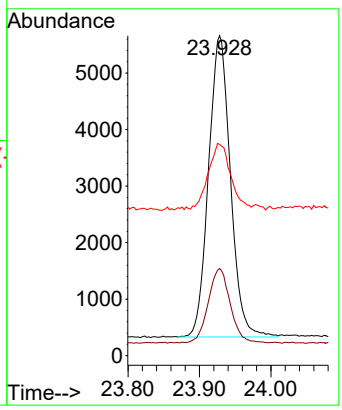


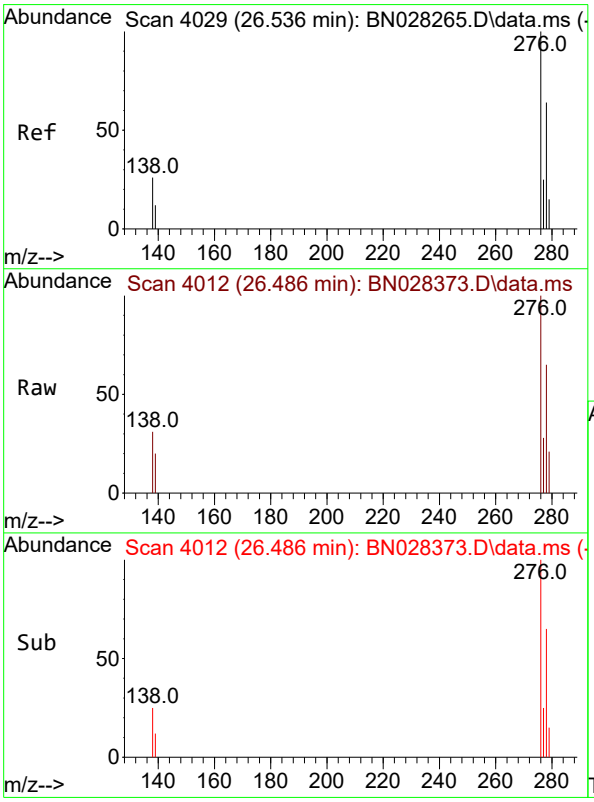
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.928 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:264 Resp: 11323

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.7	31.1
265	66.0	38.3	57.5#

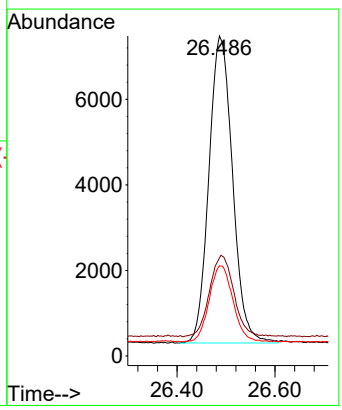


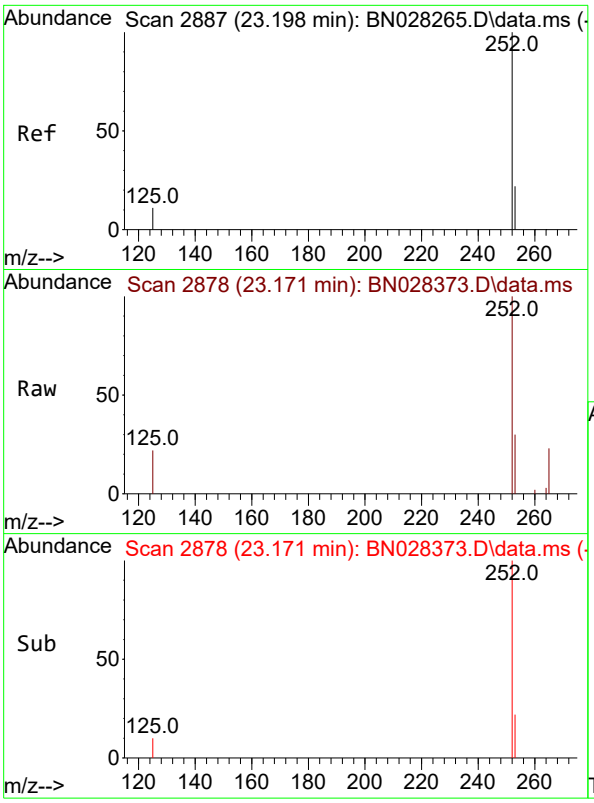


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.527 ng
RT: 26.486 min Scan# 4012
Delta R.T. -0.018 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:276 Resp: 24070

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.3	31.9
277	24.8	20.0	30.0



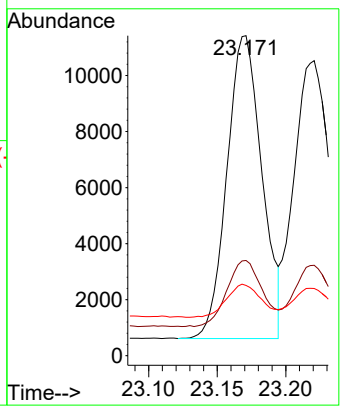


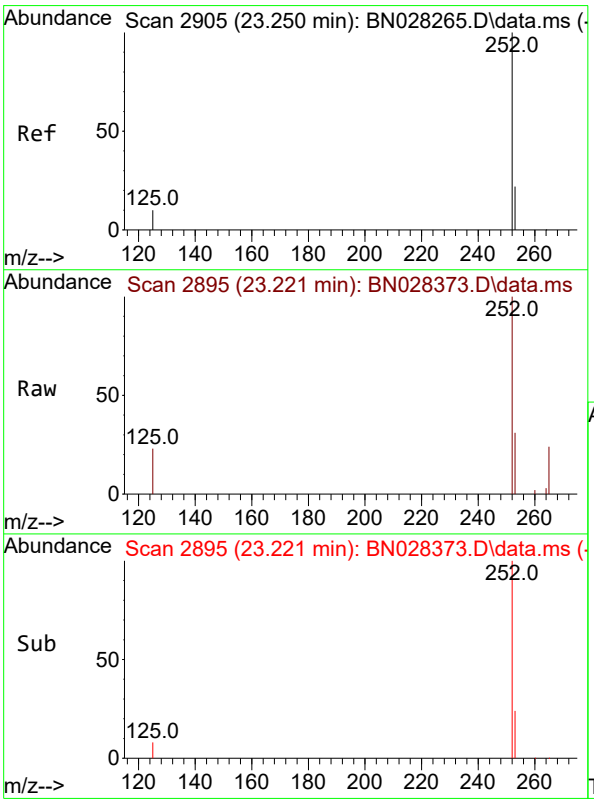
#37
Benzo(b)fluoranthene
Concen: 0.542 ng
RT: 23.171 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:252 Resp: 19186

Ion	Ratio	Lower	Upper
252	100		
253	29.8	21.8	32.8
125	21.9	15.6	23.4

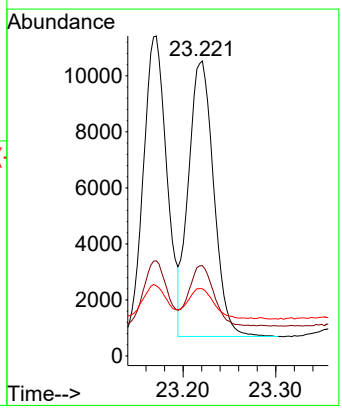


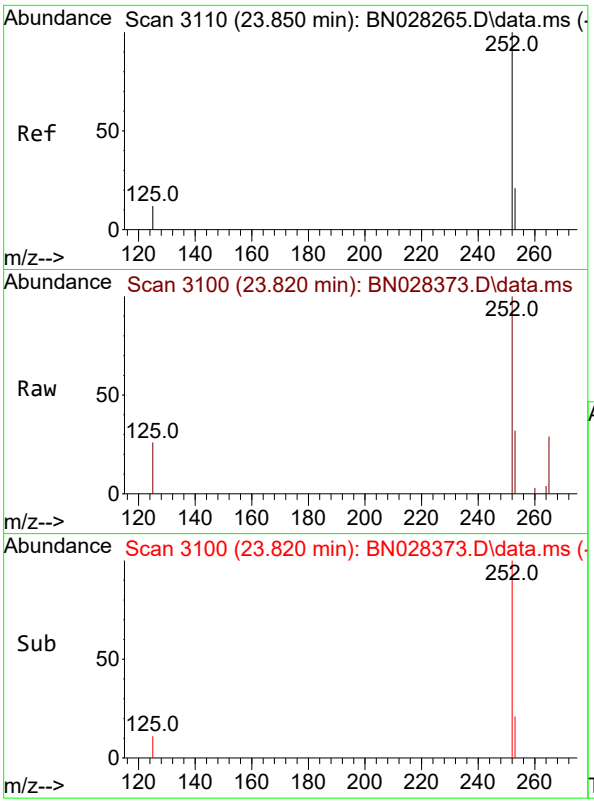


#38
Benzo(k)fluoranthene
Concen: 0.517 ng
RT: 23.221 min Scan# 2895
Delta R.T. -0.006 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:252 Resp: 18632

Ion	Ratio	Lower	Upper
252	100		
253	30.6	22.0	33.0
125	22.8	15.3	22.9



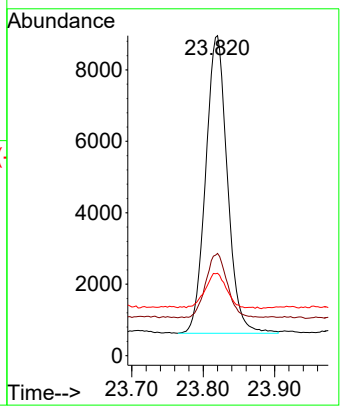


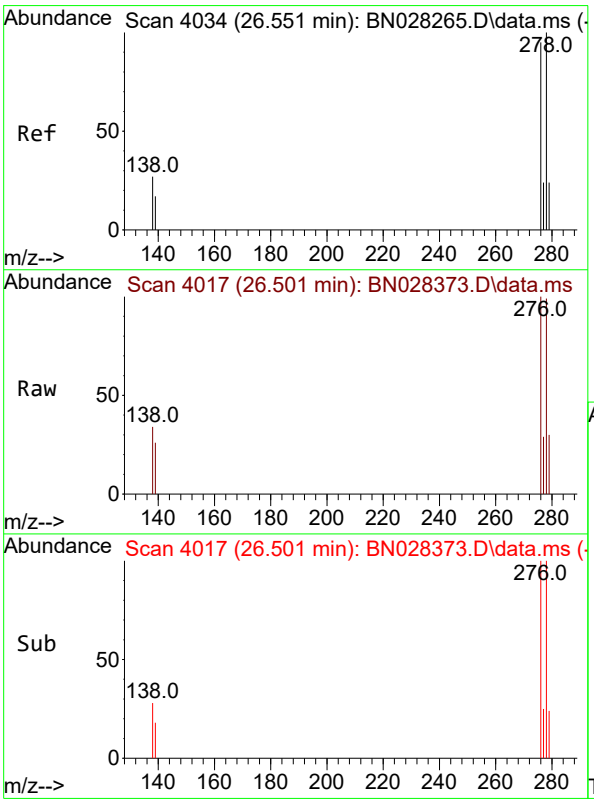
#39
Benzo(a)pyrene
Concen: 0.499 ng
RT: 23.820 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:252 Resp: 17585

Ion	Ratio	Lower	Upper
252	100		
253	31.9	22.7	34.1
125	25.8	17.0	25.6#

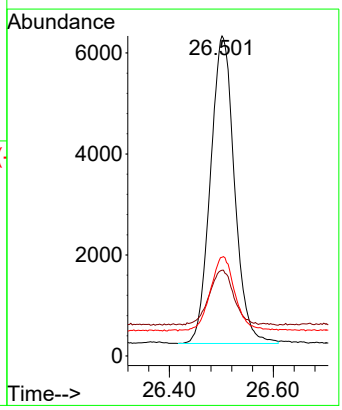


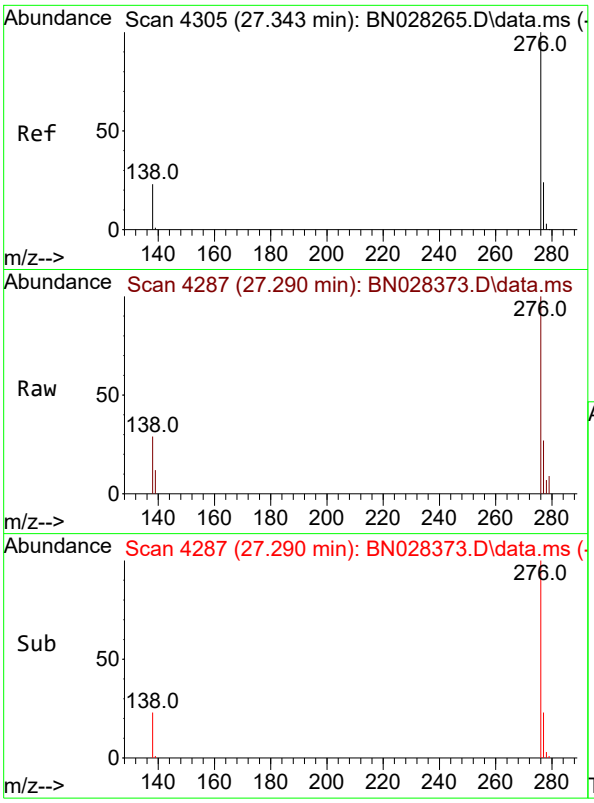


#40
Dibenzo(a,h)anthracene
Concen: 0.527 ng
RT: 26.501 min Scan# 4017
Delta R.T. -0.018 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:278 Resp: 19547

Ion	Ratio	Lower	Upper
278	100		
139	26.8	18.8	28.2
279	30.8	23.5	35.3





#41
Benzo(g,h,i)perylene
Concen: 0.514 ng
RT: 27.290 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:276 Resp: 19659

Ion	Ratio	Lower	Upper
276	100		
277	27.2	21.7	32.5
138	29.4	21.7	32.5