Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010722\
Data File : BN018372.D
Acq On : 07 Jan 2022 18:14
Operator : CG/JU
Sample : PB141706BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Quant Time: Jan 07 22:30:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 14:23:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	28263	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	129085	0.400	ng		-0.01
13) Acenaphthene-d10	14.243	164	62661	0.400	ng		-0.01
19) Phenanthrene-d10	16.981	188	104530	0.400	ng		#-0.01
29) Chrysene-d12	21.185	240	91622	0.400	ng		0.00
35) Perylene-d12	23.406	264	92763	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.217	112	25382	0.365	ng		-0.02
5) Phenol-d6	6.803	99	25452	0.365	ng		0.00
8) Nitrobenzene-d5	8.759	82	25202	0.382	ng		-0.01
11) 2-Methylnaphthalene-d10	11.985	152	70460	0.349	ng		-0.01
14) 2,4,6-Tribromophenol	15.741	330	6630	0.387	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	83060	0.367	ng		-0.01
27) Fluoranthene-d10	19.023	212	102601	0.344	ng		0.00
31) Terphenyl-d14	19.634	244	74316	0.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	4231	0.266	ng	#	56
3) n-Nitrosodimethylamine	3.484	42	9766	0.383	ng		93
6) bis(2-Chloroethyl)ether	7.052	93	27207	0.361	ng		99
9) Naphthalene	10.432	128	114793	0.350	ng		99
10) Hexachlorobutadiene	10.736	225	21061	0.346	ng	#	100
12) 2-Methylnaphthalene	12.061	142	71651	0.357	ng		100
16) Acenaphthylene	13.964	152	81500	0.328	ng		100
17) Acenaphthene	14.307	154	60469	0.348	ng		100
18) Fluorene	15.296	166	68723	0.352	ng		98
20) 4,6-Dinitro-2-methylph...	15.411	198	382	0.249	ng	#	54
21) 4-Bromophenyl-phenylether	16.190	248	19892	0.346	ng		97
22) Hexachlorobenzene	16.300	284	26574	0.347	ng	#	91
23) Atrazine	16.458	200	11417	0.326	ng	#	89
24) Pentachlorophenol	16.665	266	3648	0.451	ng		99
25) Phenanthrene	17.030	178	103376	0.352	ng		100
26) Anthracene	17.115	178	79994	0.329	ng		100
28) Fluoranthene	19.053	202	111732	0.358	ng	#	96
30) Pyrene	19.415	202	111833	0.345	ng		100
32) Benzo(a)anthracene	21.164	228	92180	0.341	ng		98
33) Chrysene	21.217	228	108464	0.354	ng		99
34) Bis(2-ethylhexyl)phtha...	21.111	149	41191	0.381	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.661	276	109059	0.370	ng	#	89
37) Benzo(b)fluoranthene	22.738	252	103397	0.344	ng	#	96
38) Benzo(k)fluoranthene	22.779	252	105324	0.358	ng	#	96
39) Benzo(a)pyrene	23.310	252	96260	0.346	ng	#	94
40) Dibenzo(a,h)anthracene	25.679	278	83043	0.361	ng	#	94
41) Benzo(g,h,i)perylene	26.349	276	94372	0.350	ng	#	92

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

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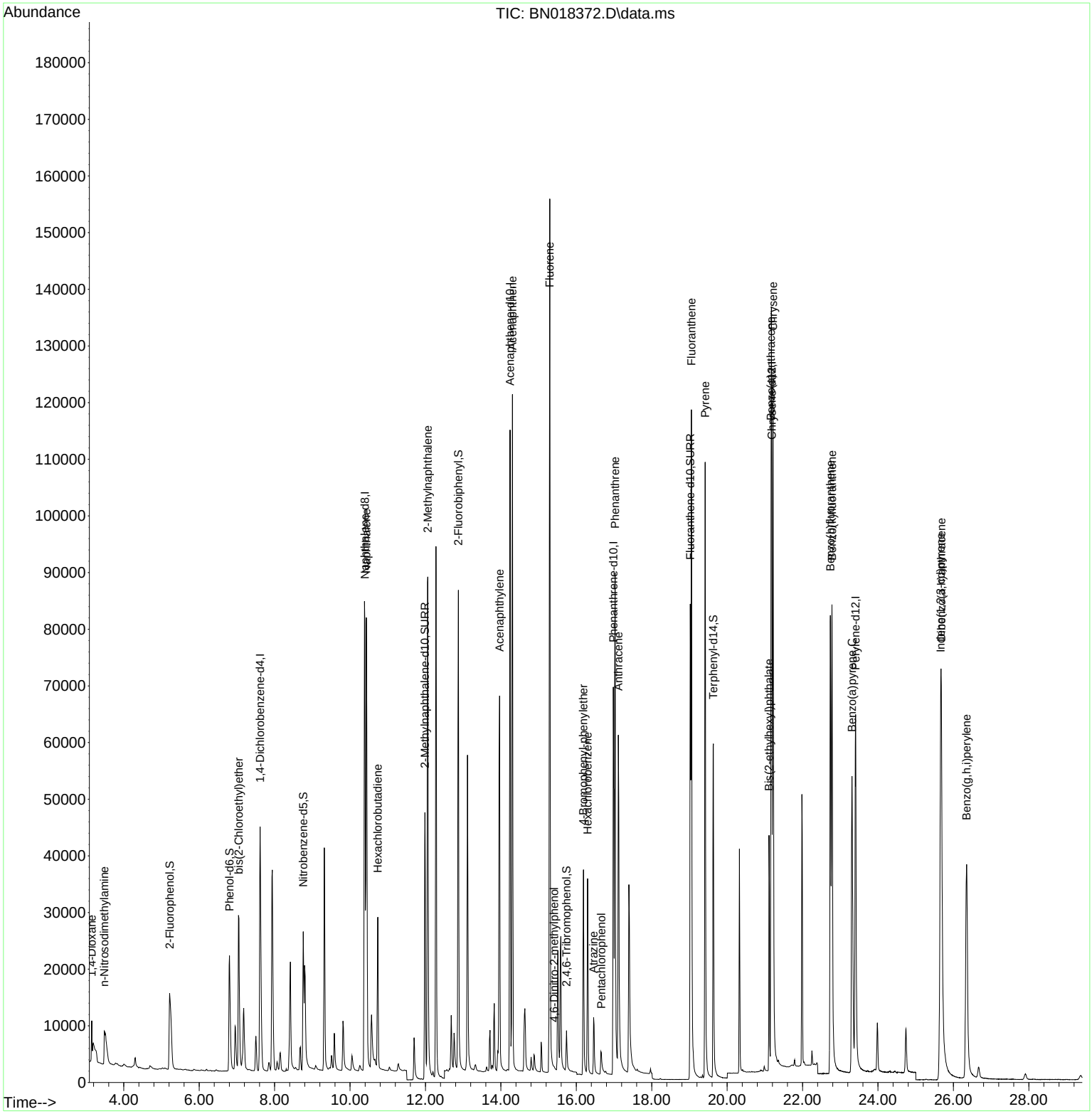
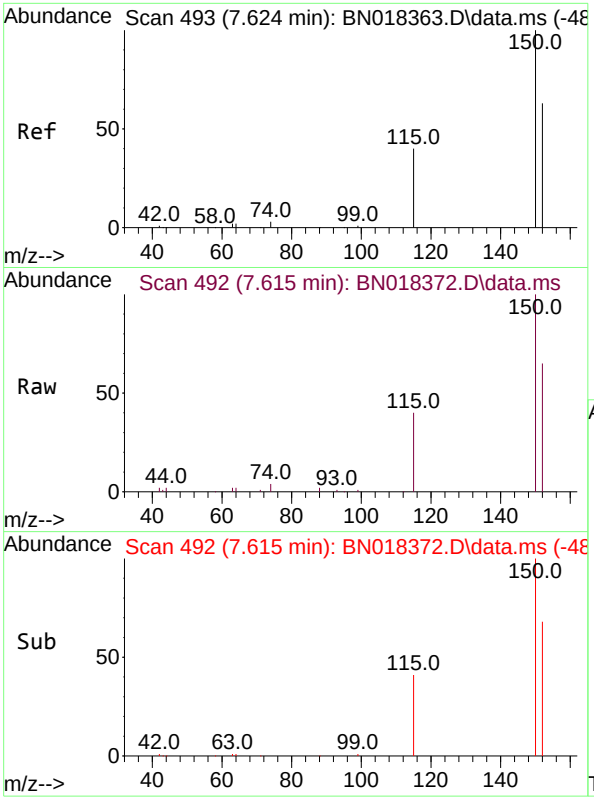
Instrument :
BNA_N
ClientSampleId :
PB141706BS

Quant Time: Jan 07 22:30:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 14:23:23 2022
Response via : Initial Calibration



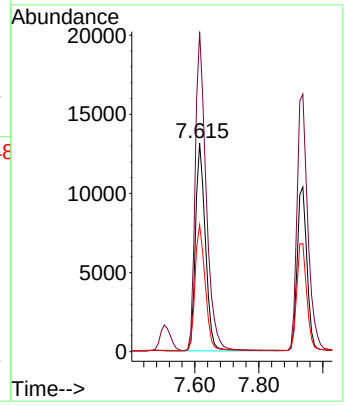


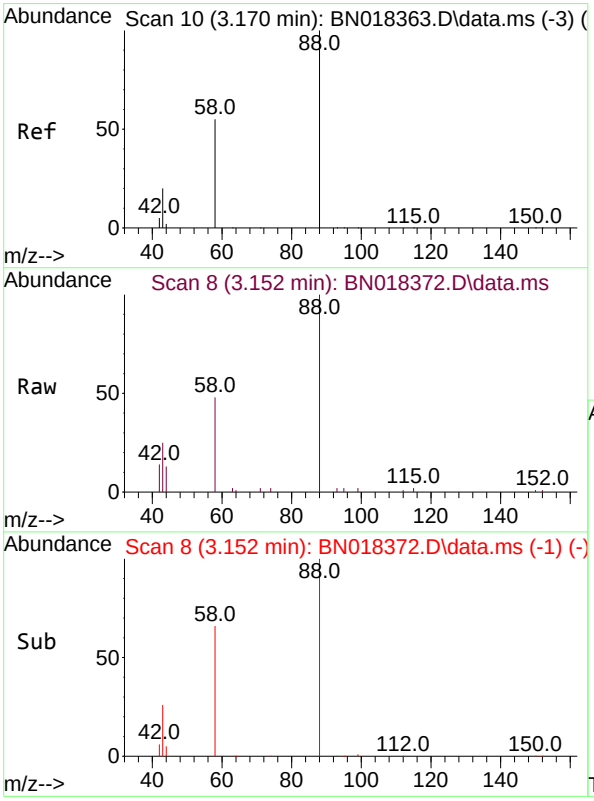
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:152 Resp: 28263

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.7	182.5
115	60.8	43.8	65.8

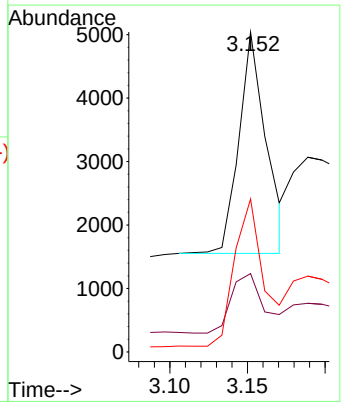


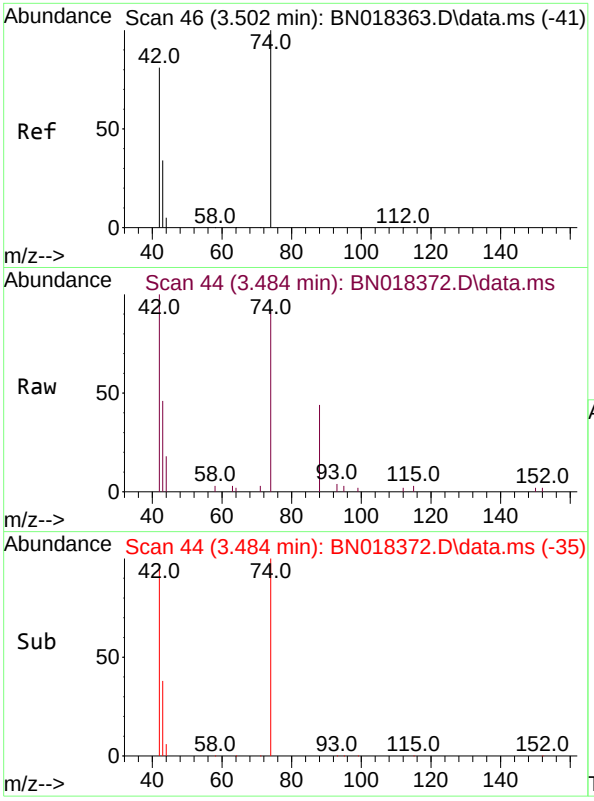


#2
1,4-Dioxane
Concen: 0.266 ng
RT: 3.152 min Scan# 8
Delta R.T. -0.018 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion: 88 Resp: 4231

Ion	Ratio	Lower	Upper
88	100		
43	32.6	69.7	104.5#
58	72.6	83.8	125.8#



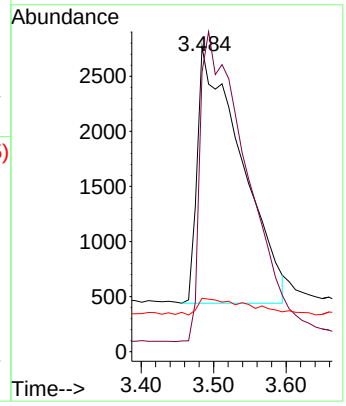


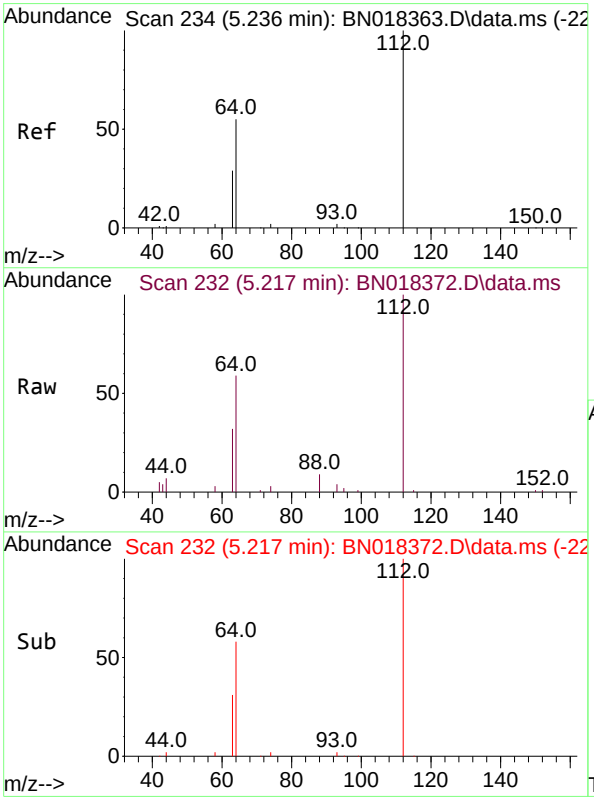
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.484 min Scan# 44
Delta R.T. -0.018 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion: 42 Resp: 9766

Ion	Ratio	Lower	Upper
42	100		
74	126.8	108.6	163.0
44	6.9	5.8	8.8

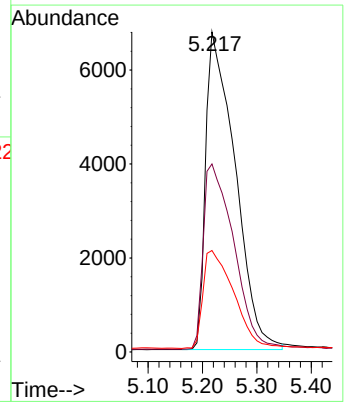


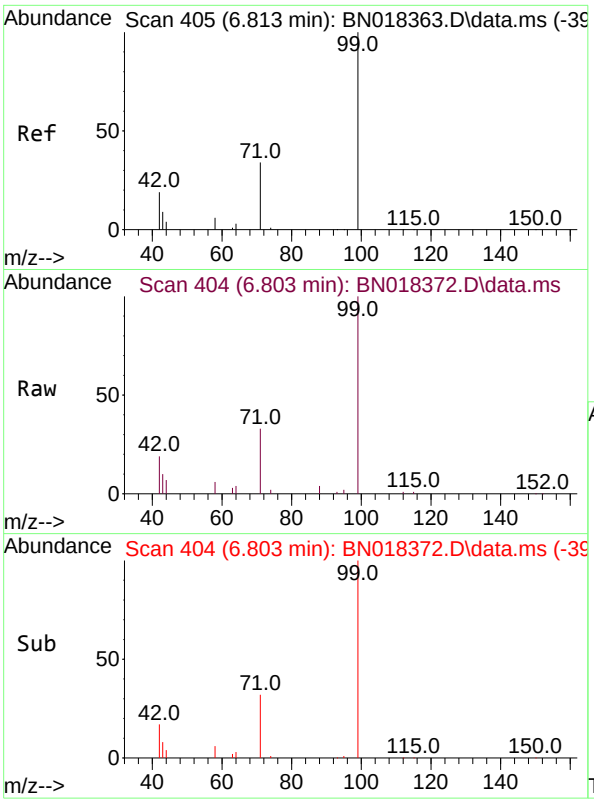


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.217 min Scan# 232
Delta R.T. -0.019 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:112 Resp: 25382

Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.0	72.0
63	32.2	25.3	37.9



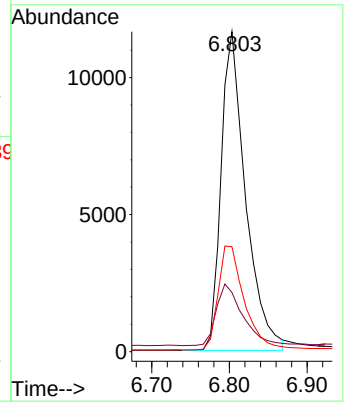


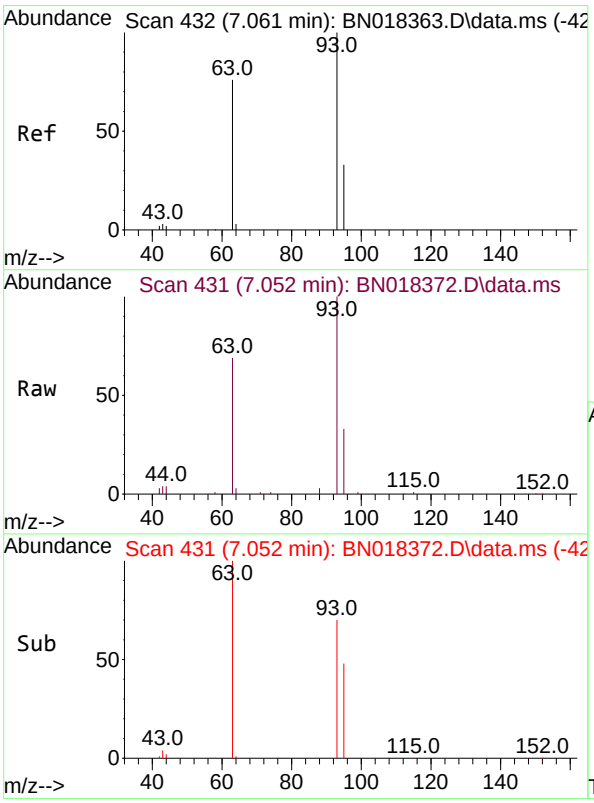
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.803 min Scan# 4(
Delta R.T. -0.010 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion: 99 Resp: 25452

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.3	24.5
71	34.7	26.8	40.2

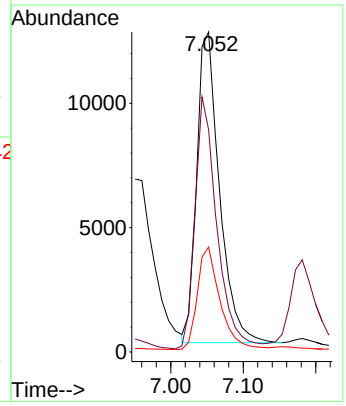


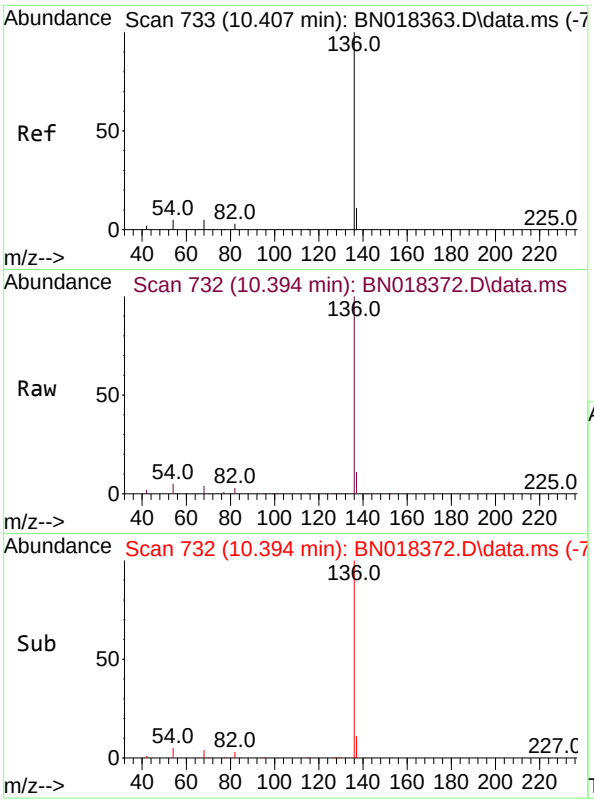


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.052 min Scan# 431
Delta R.T. -0.009 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion: 93 Resp: 27207

Ion	Ratio	Lower	Upper
93	100		
63	78.6	61.7	92.5
95	33.0	26.2	39.4



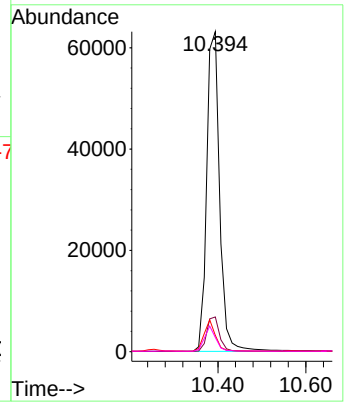


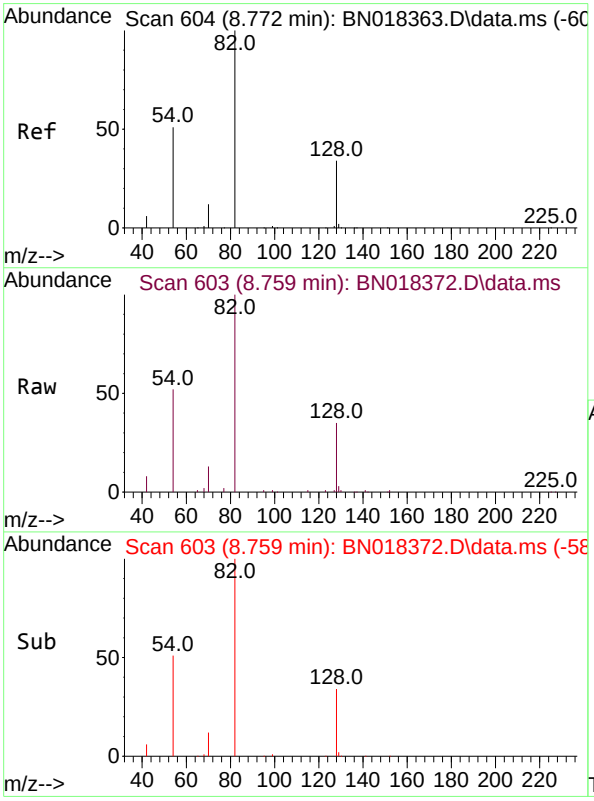
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:136 Resp: 129085

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	5.1	5.0	7.6
68	4.4	4.4	6.6

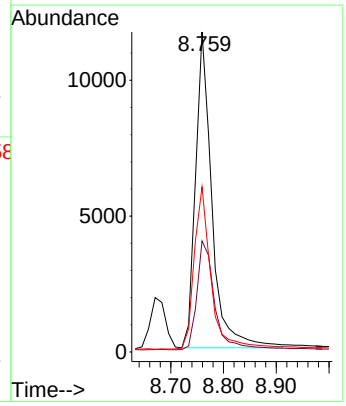


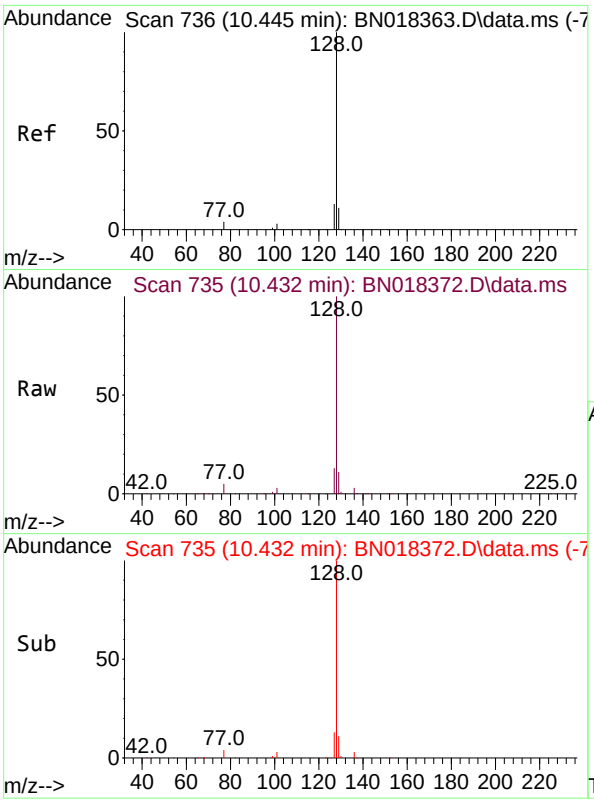


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion: 82 Resp: 25202

Ion	Ratio	Lower	Upper
82	100		
128	34.7	33.7	50.5
54	51.6	36.6	55.0



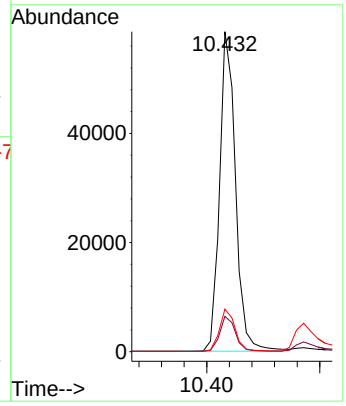


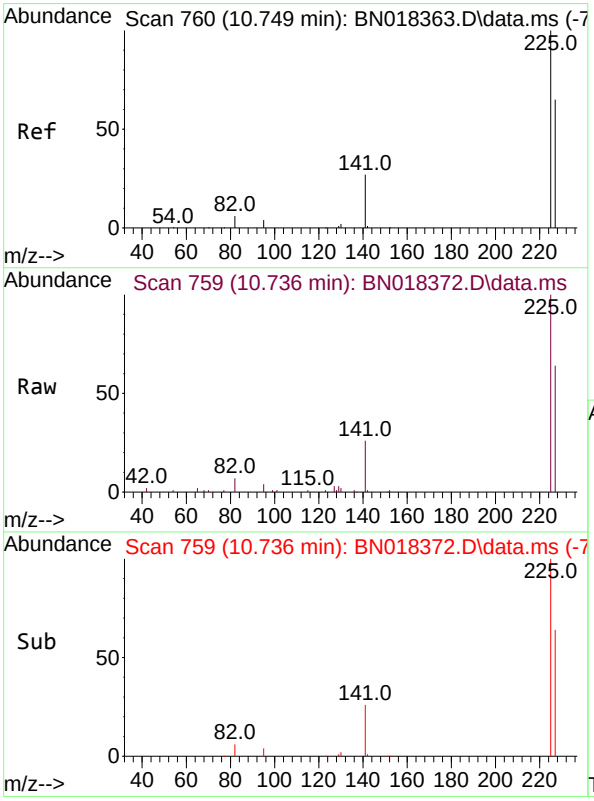
#9
Naphthalene
Concen: 0.350 ng
RT: 10.432 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:128 Resp: 114793

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.4	15.6

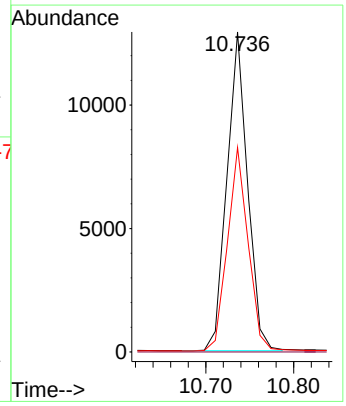


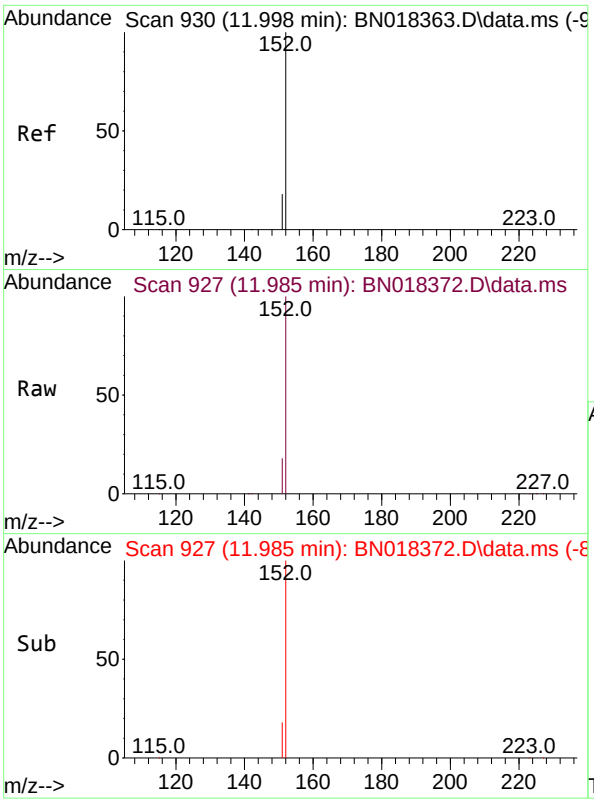


#10
Hexachlorobutadiene
Concen: 0.346 ng
RT: 10.736 min Scan# 759
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:225 Resp: 21061

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



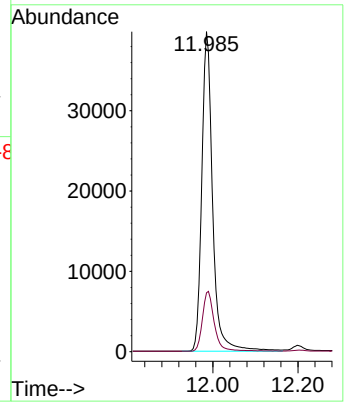


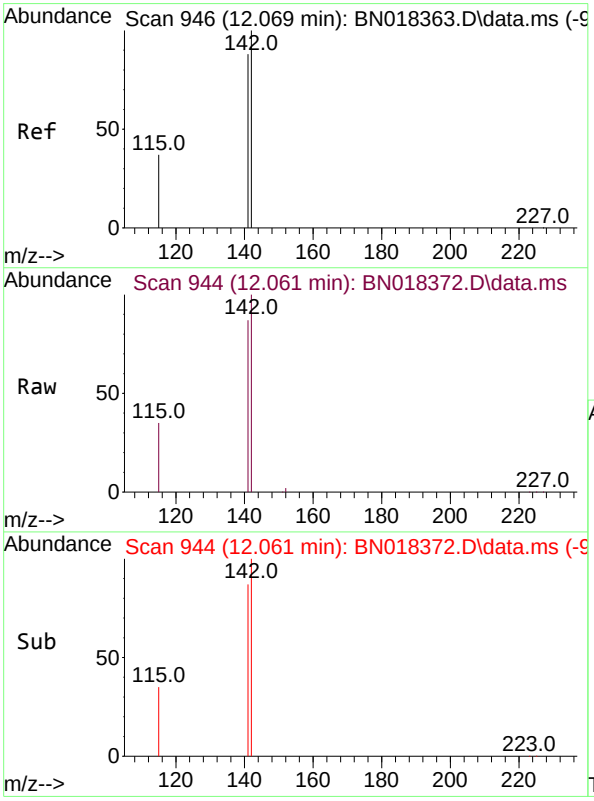
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.985 min Scan# 9
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:152 Resp: 70460

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2

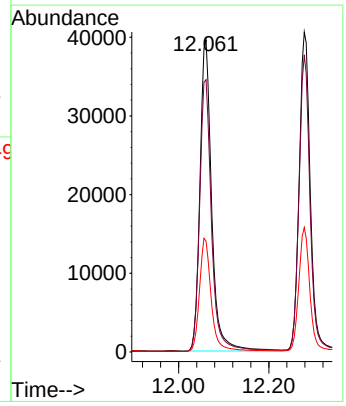


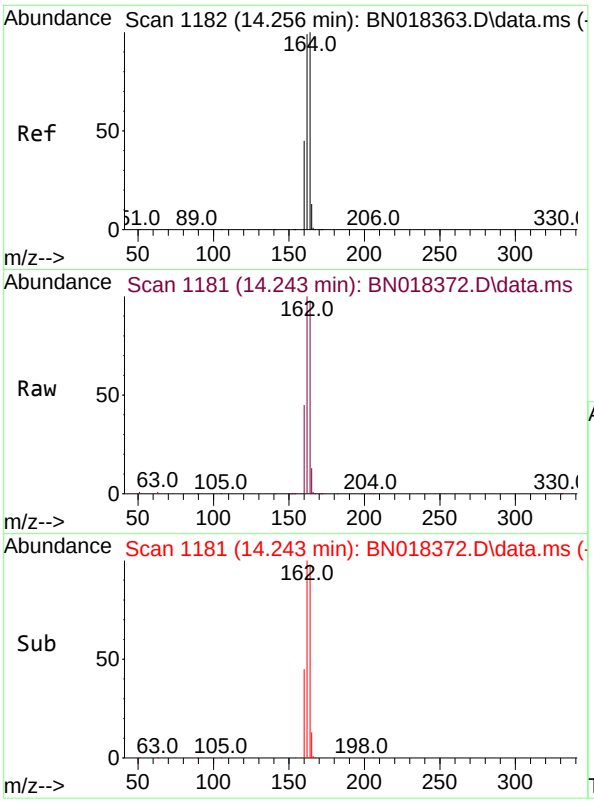


#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 12.061 min Scan# 944
Delta R.T. -0.008 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:142 Resp: 71651

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.0	105.0
115	35.5	27.8	41.8



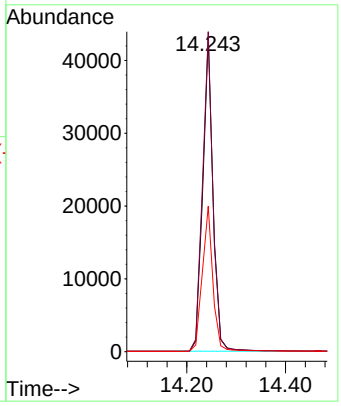


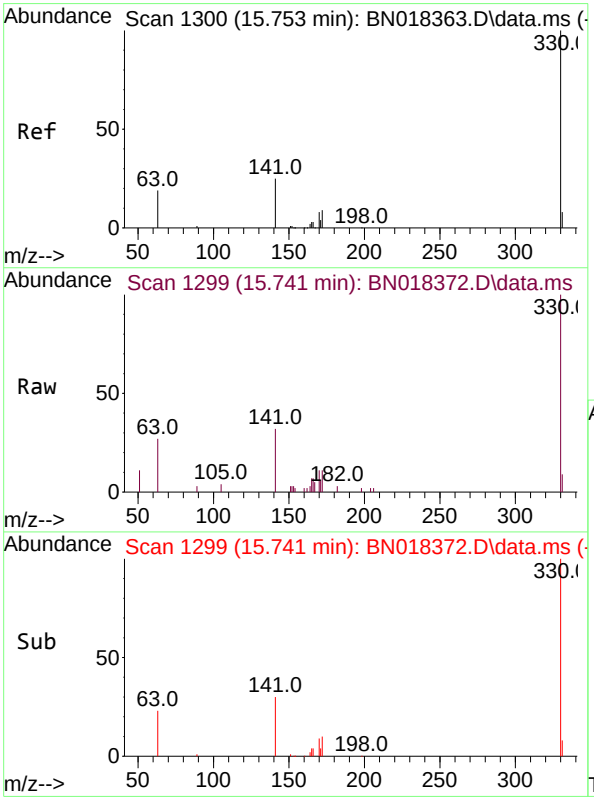
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:164 Resp: 62661

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	46.3	36.9	55.3

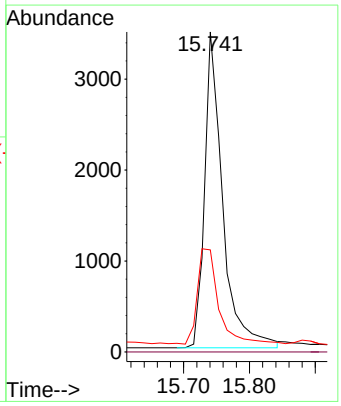


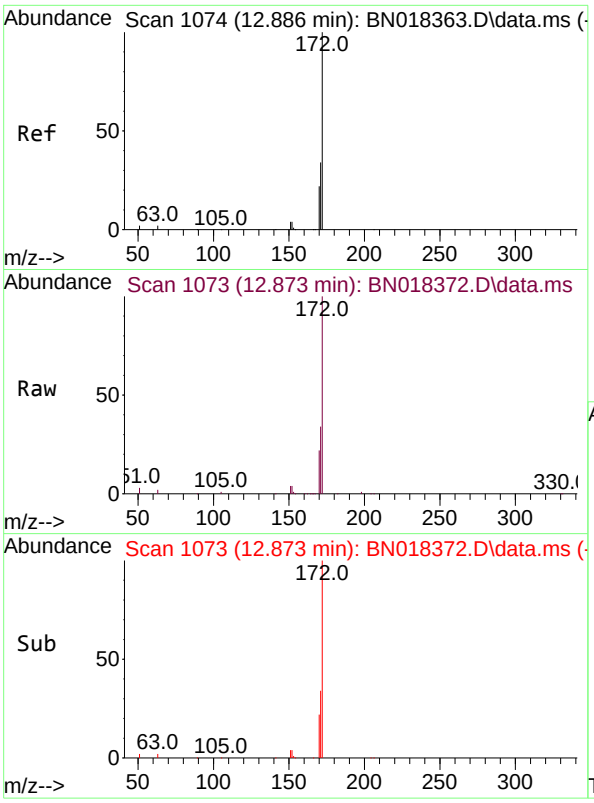


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.741 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:330 Resp: 6630

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	21.3	31.9#



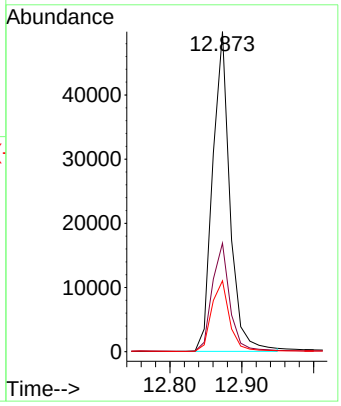


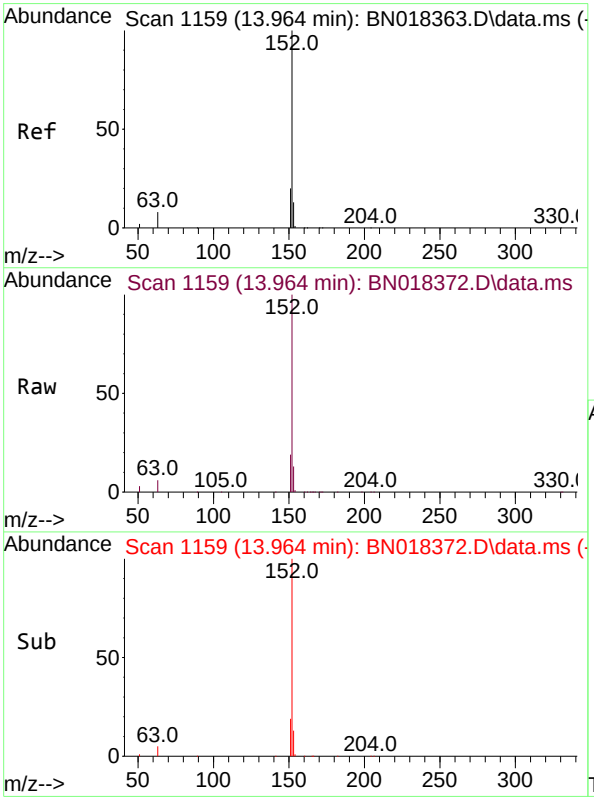
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.873 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:172 Resp: 83060

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.1	18.4	27.6

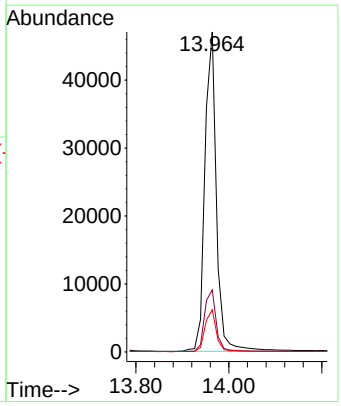


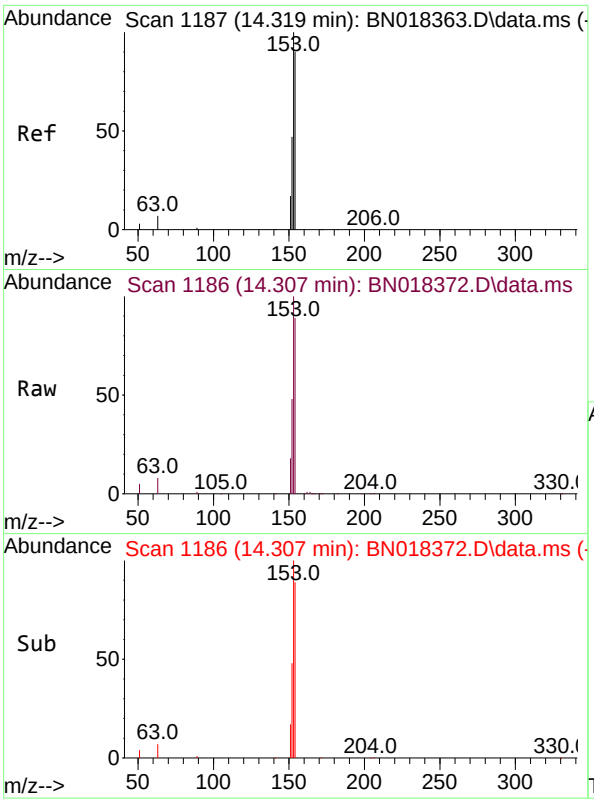


#16
Acenaphthylene
Concen: 0.328 ng
RT: 13.964 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:152 Resp: 81500

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.1	10.5	15.7



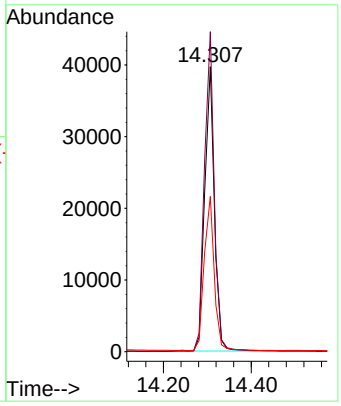


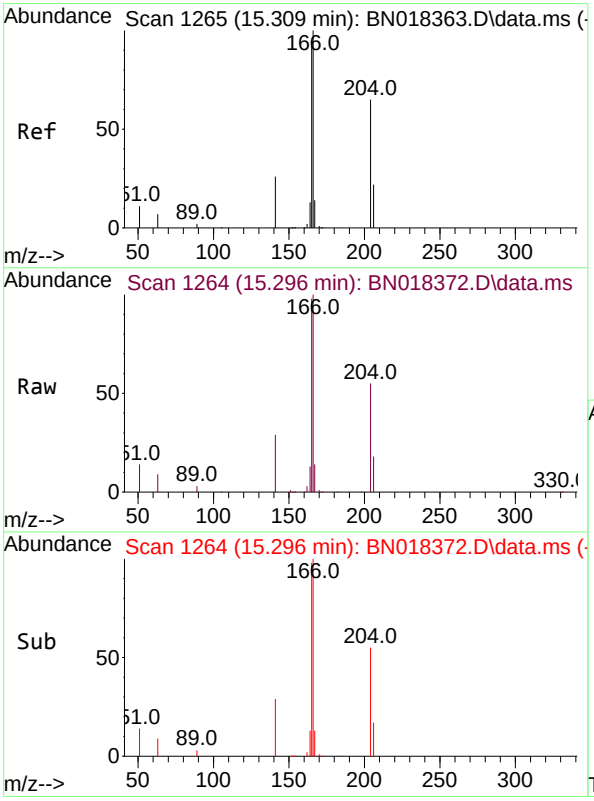
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.307 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:154 Resp: 60469

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.9	136.3
152	56.3	45.0	67.4

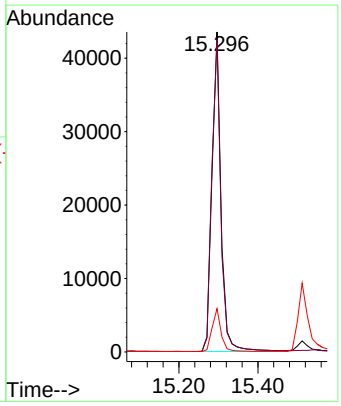


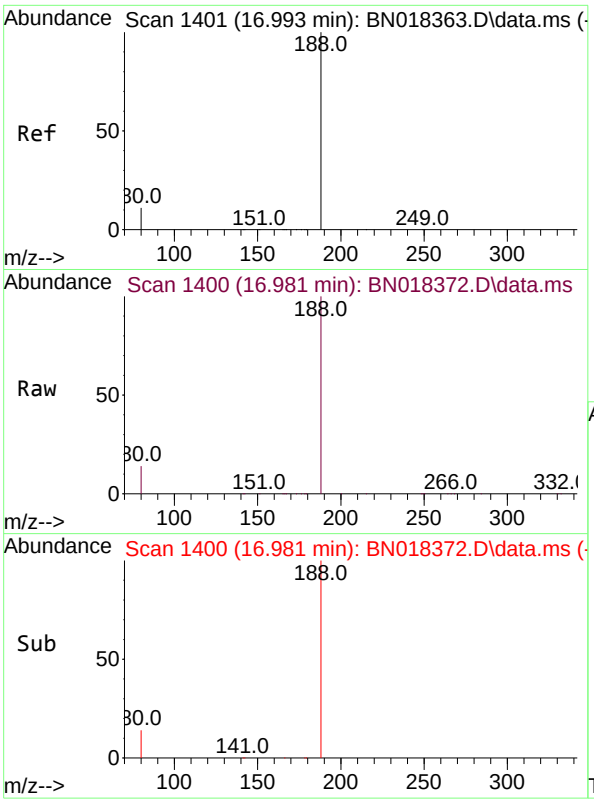


#18
Fluorene
Concen: 0.352 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.013 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:166 Resp: 68723

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.3	10.9	16.3



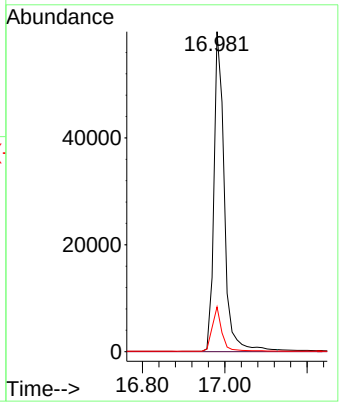


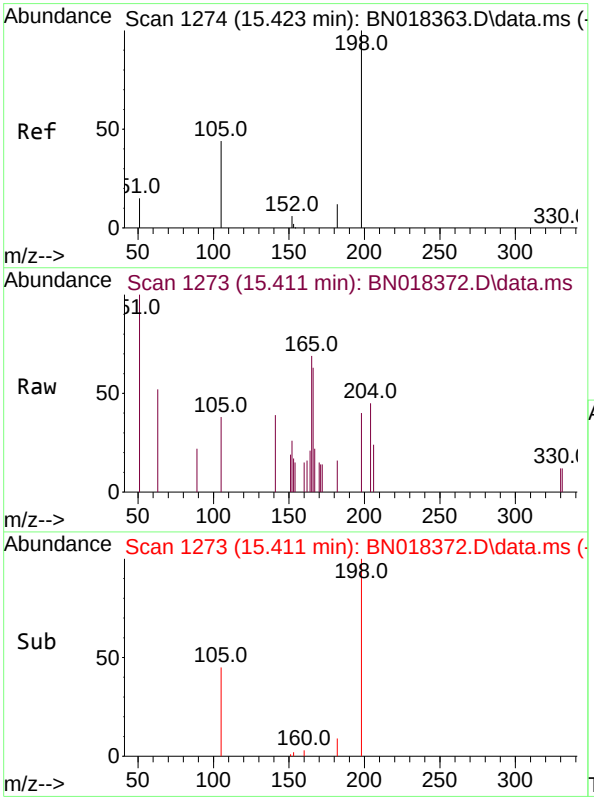
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.981 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:188 Resp: 104530

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	7.0	10.4#

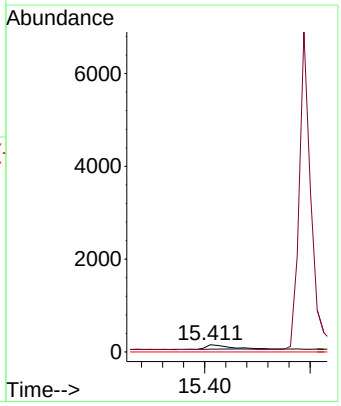


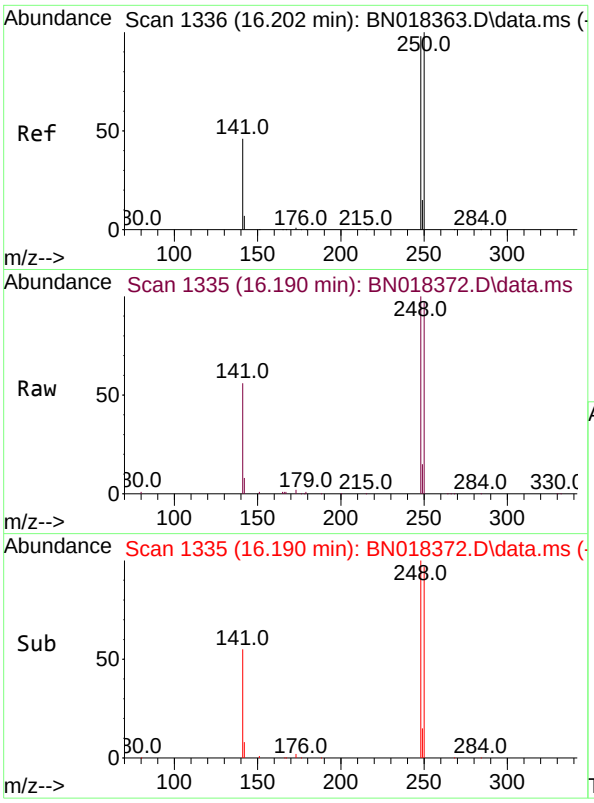


#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:198 Resp: 382

Ion	Ratio	Lower	Upper
198	100		
182	40.4	15.5	23.3#
77	0.0	0.0	0.0



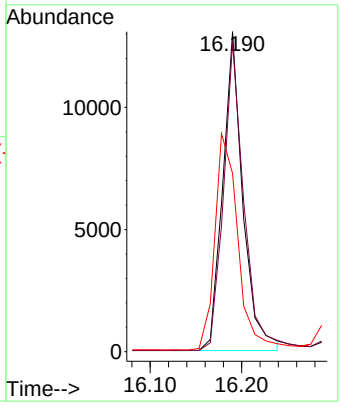


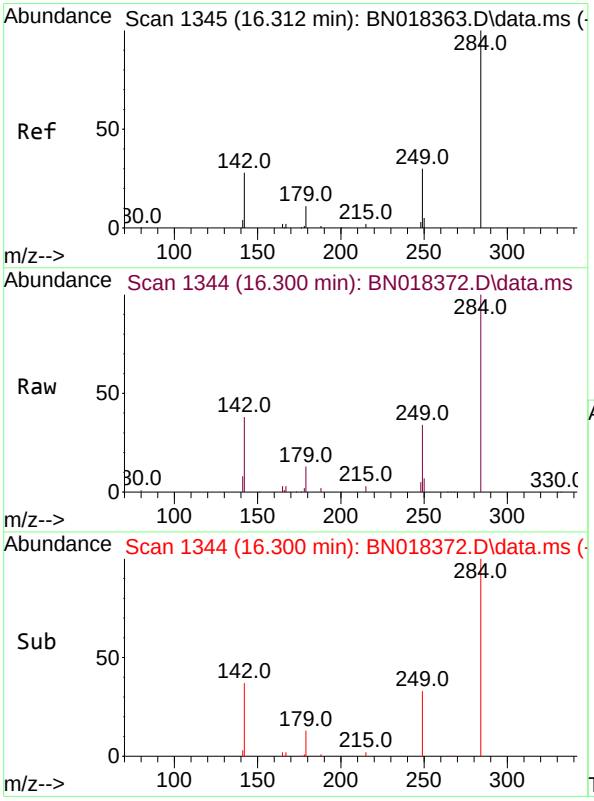
#21
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 16.190 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:248 Resp: 19892

Ion	Ratio	Lower	Upper
248	100		
250	96.9	74.4	111.6
141	55.7	43.7	65.5

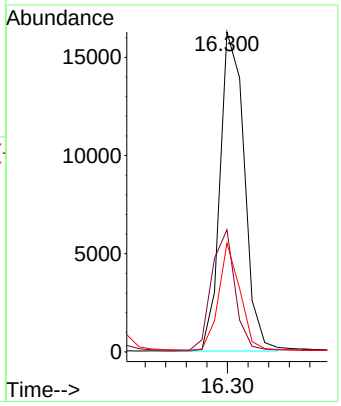


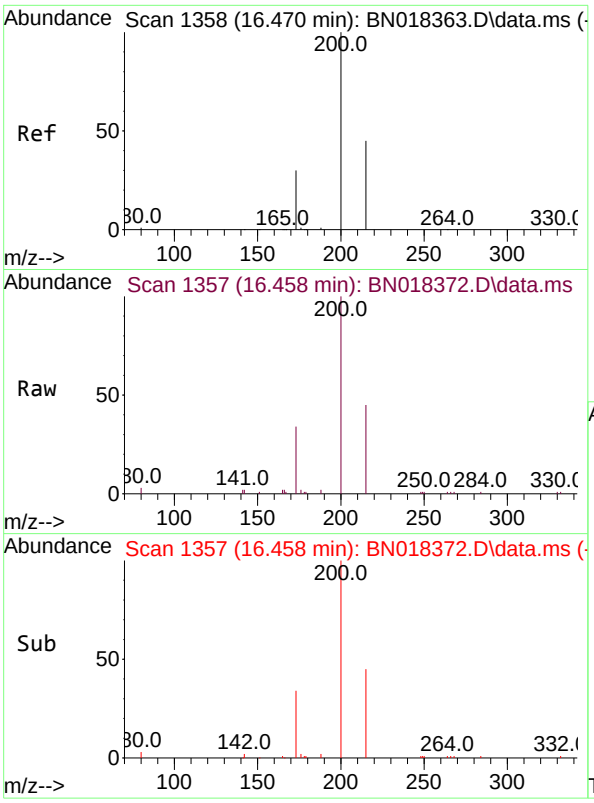


#22
Hexachlorobenzene
Concen: 0.347 ng
RT: 16.300 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:284 Resp: 26574

Ion	Ratio	Lower	Upper
284	100		
142	36.2	21.6	32.4#
249	29.4	23.5	35.3



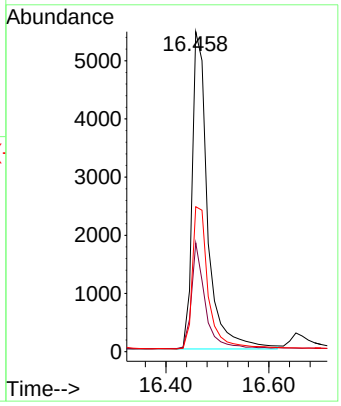


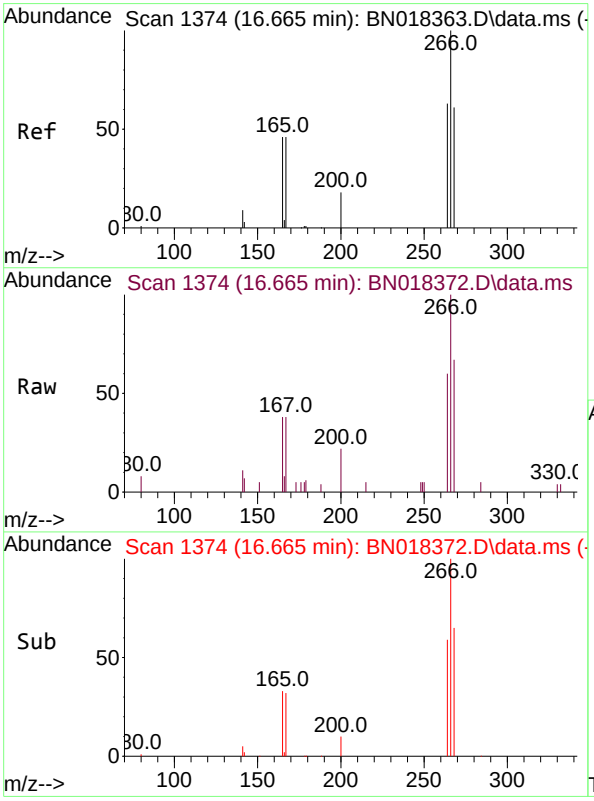
#23
Atrazine
Concen: 0.326 ng
RT: 16.458 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:200 Resp: 11417

Ion	Ratio	Lower	Upper
200	100		
173	34.0	20.3	30.5#
215	45.3	40.4	60.6

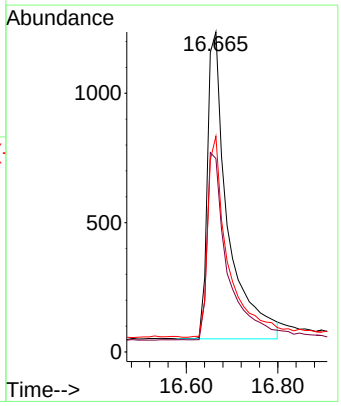


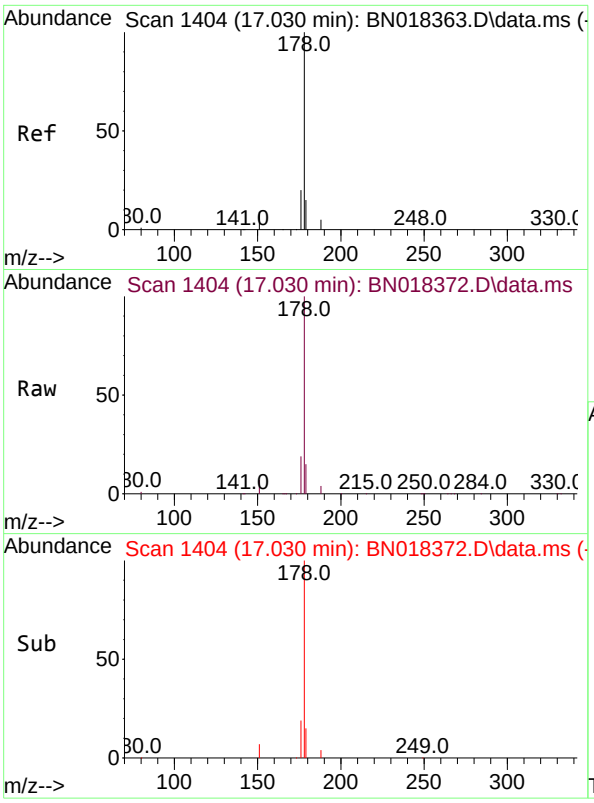


#24
Pentachlorophenol
Concen: 0.451 ng
RT: 16.665 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:266 Resp: 3648

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.5	74.3
268	64.9	50.6	76.0



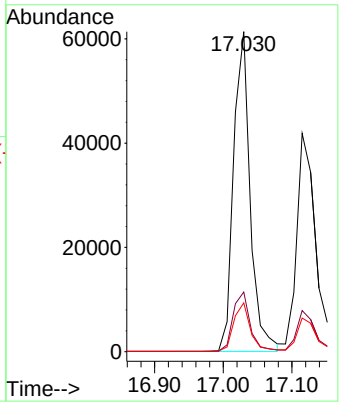


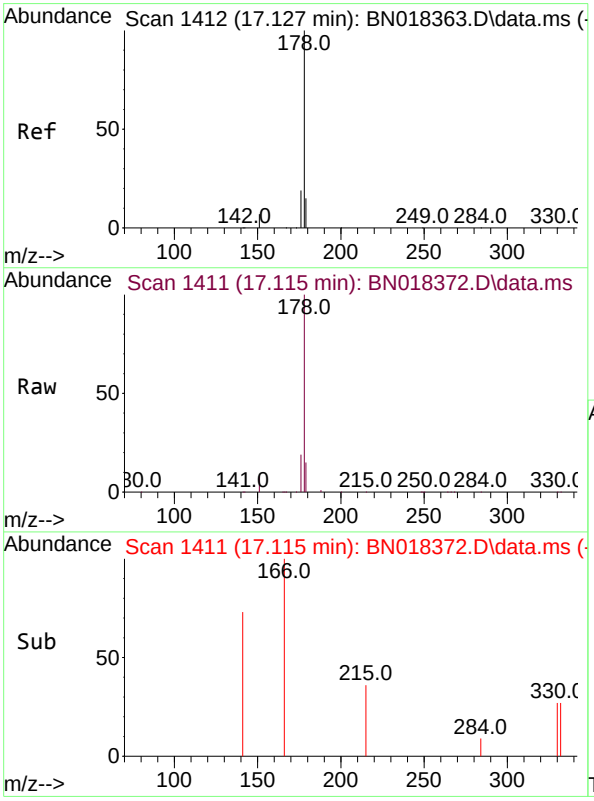
#25
Phenanthrene
Concen: 0.352 ng
RT: 17.030 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:178 Resp: 103376

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.3	18.5

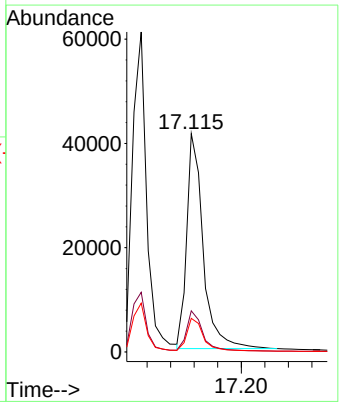


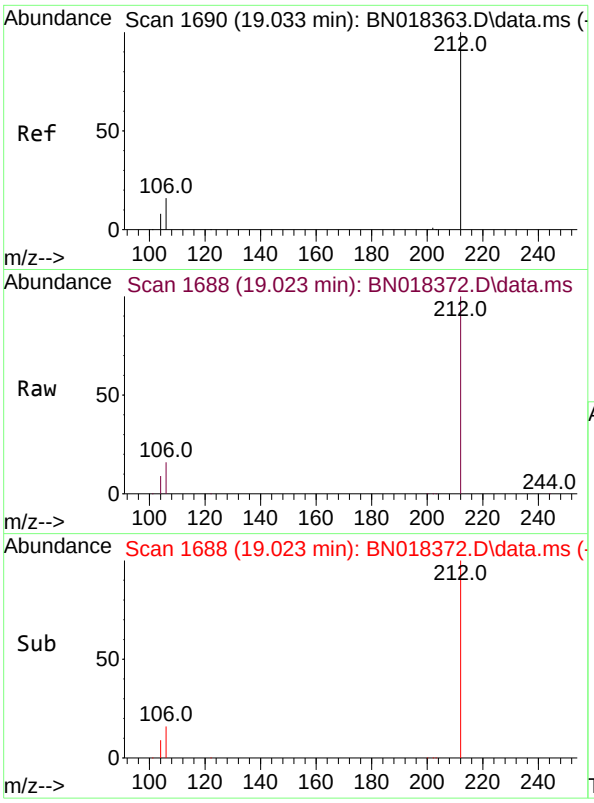


#26
Anthracene
Concen: 0.329 ng
RT: 17.115 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:178 Resp: 79994

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.4	12.2	18.4



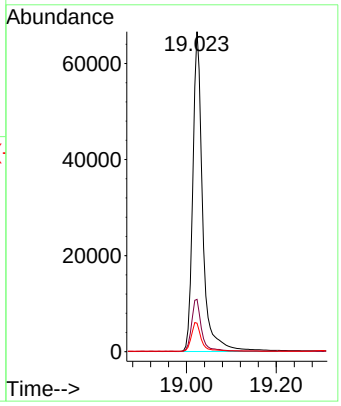


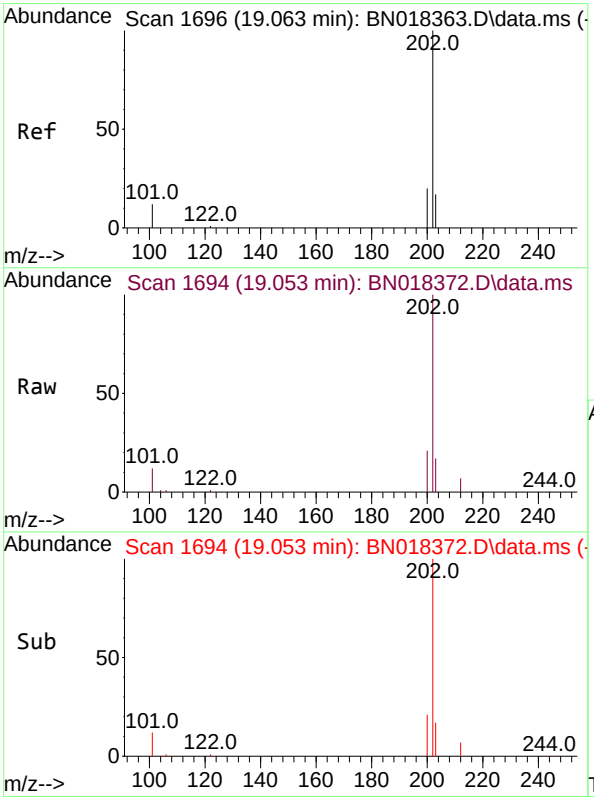
#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.023 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:212 Resp: 102601

Ion	Ratio	Lower	Upper
212	100		
106	16.6	8.4	12.6#
104	9.1	4.5	6.7#

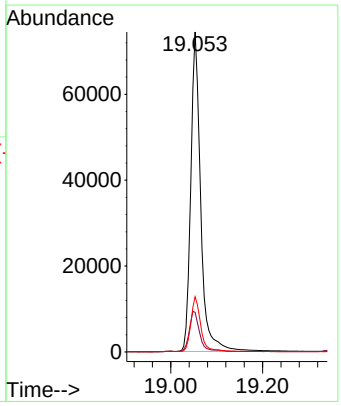


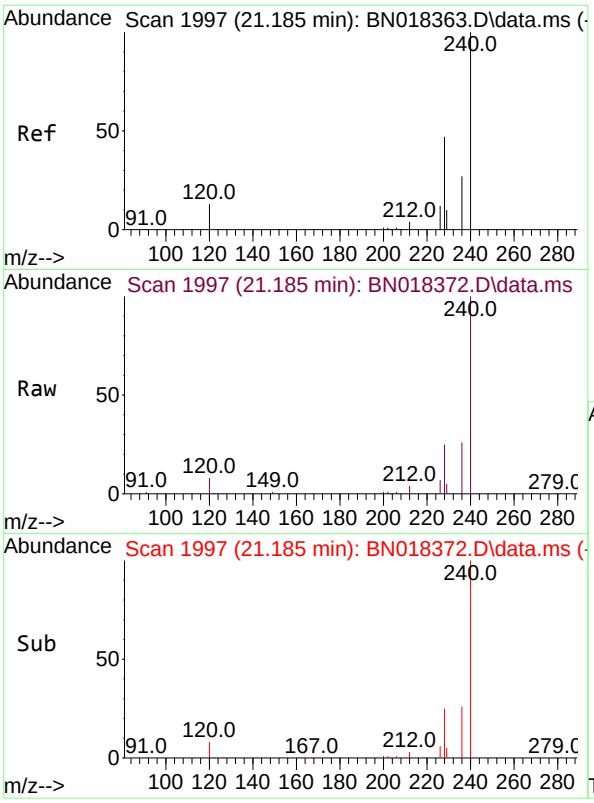


#28
Fluoranthene
Concen: 0.358 ng
RT: 19.053 min Scan# 1694
Delta R.T. -0.010 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:202 Resp: 111732

Ion	Ratio	Lower	Upper
202	100		
101	13.5	7.2	10.8#
203	17.0	13.7	20.5



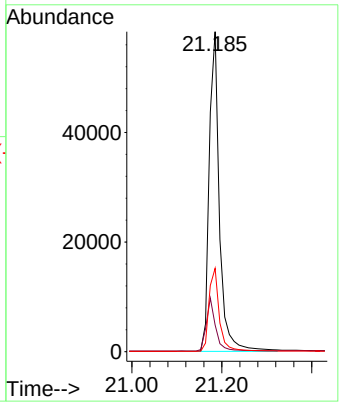


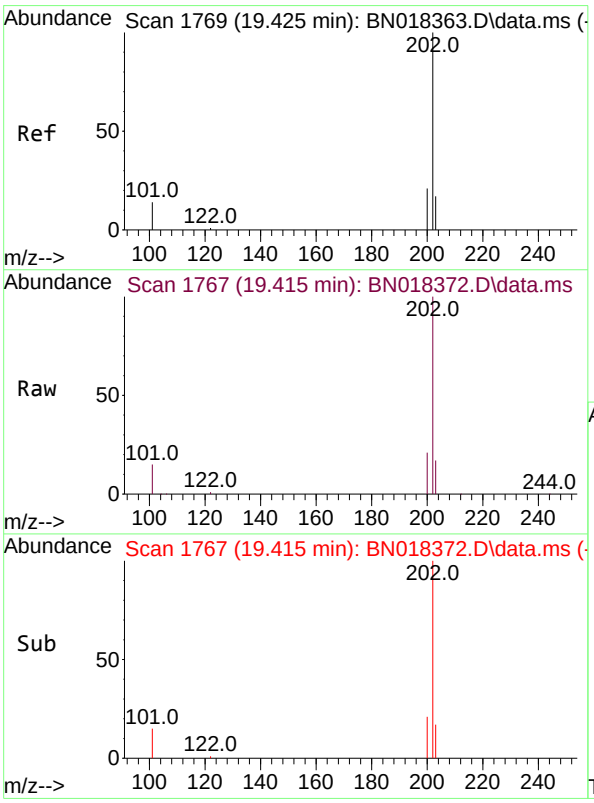
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.185 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:240 Resp: 91622

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.0	9.0
236	26.0	21.4	32.2

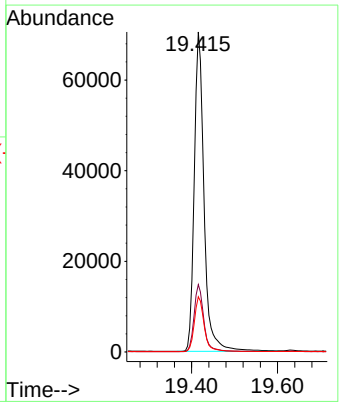


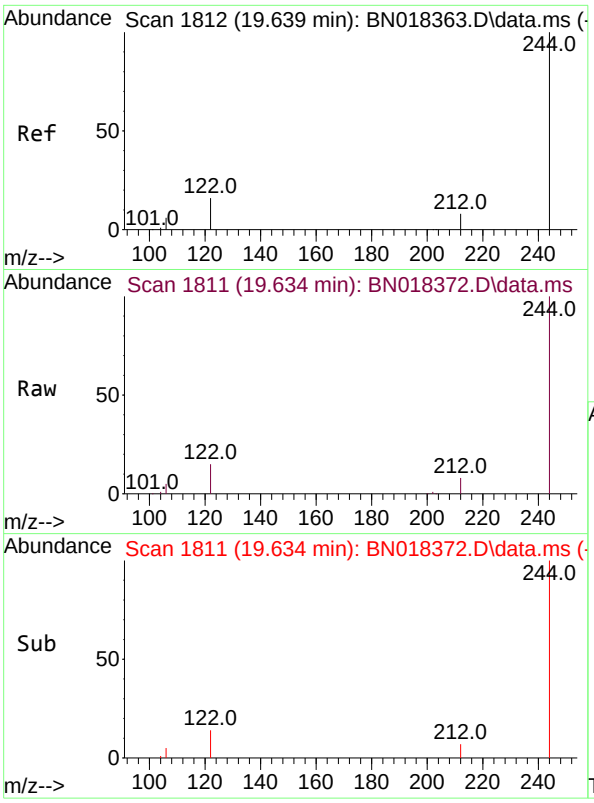


#30
Pyrene
Concen: 0.345 ng
RT: 19.415 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:202 Resp: 111833

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.4	14.1	21.1



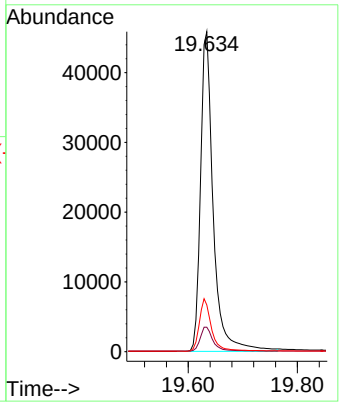


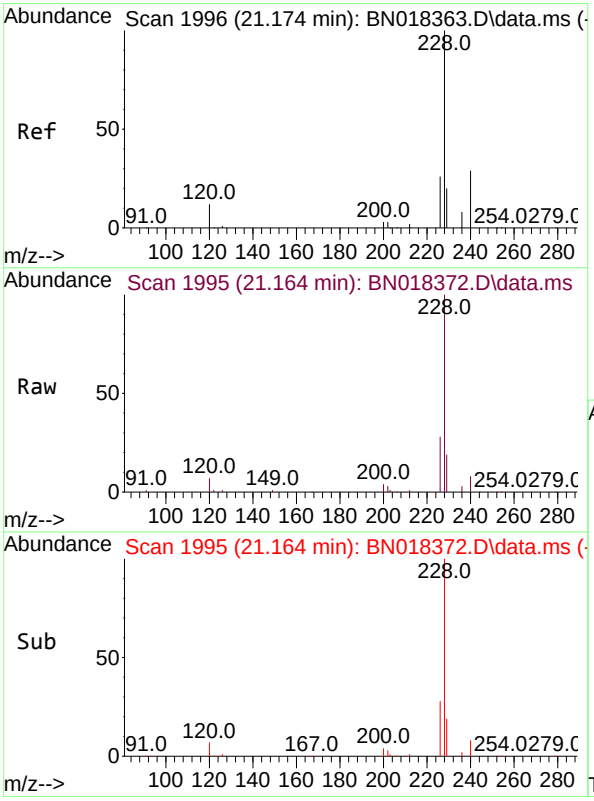
#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.634 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:244 Resp: 74316

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.6	7.9	11.9#

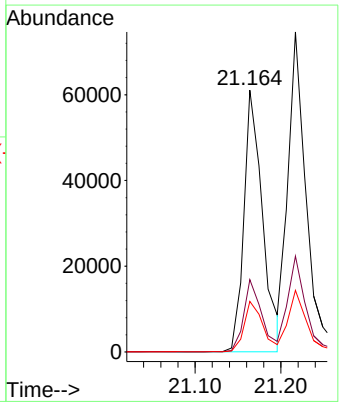


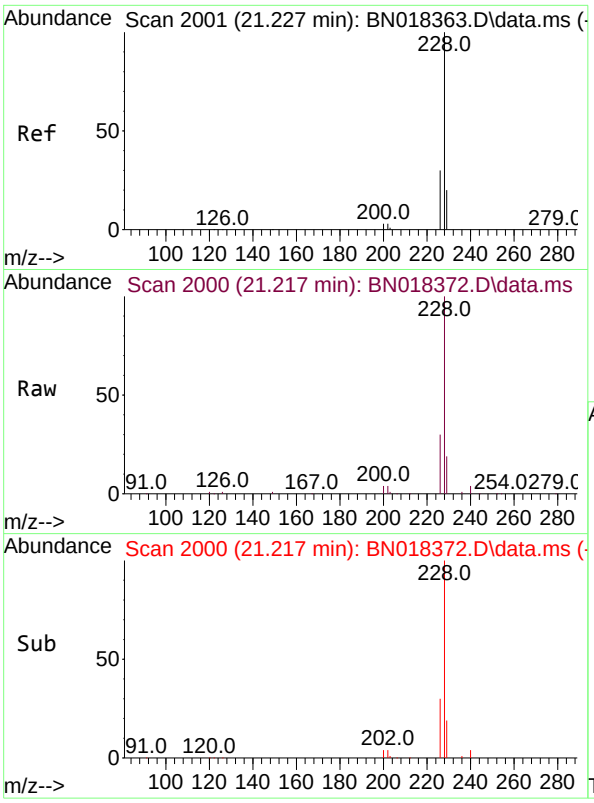


#32
Benzo(a)anthracene
Concen: 0.341 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:228 Resp: 92180

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	19.3	15.9	23.9



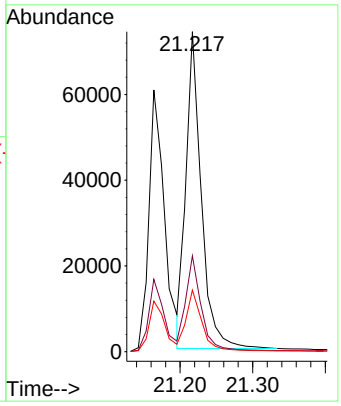


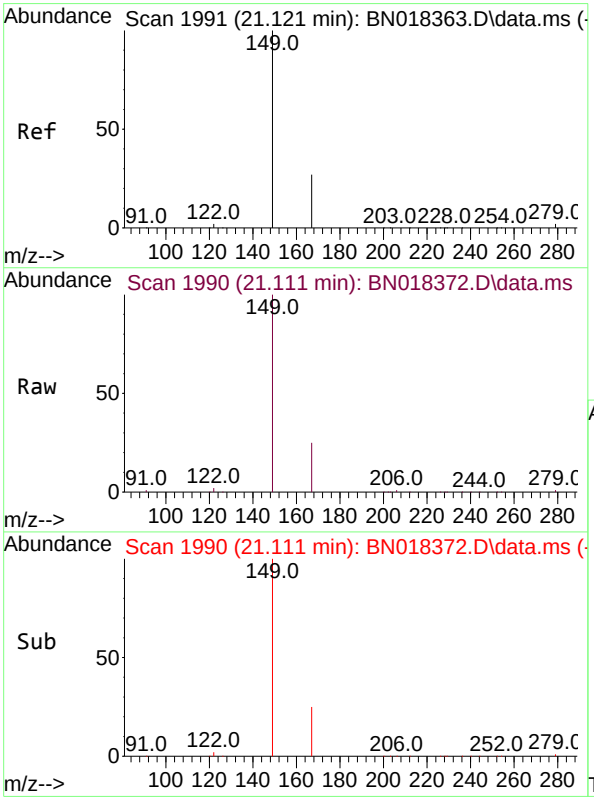
#33
Chrysene
Concen: 0.354 ng
RT: 21.217 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:228 Resp: 108464

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.3	15.5	23.3

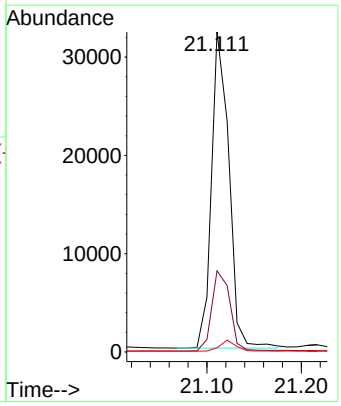


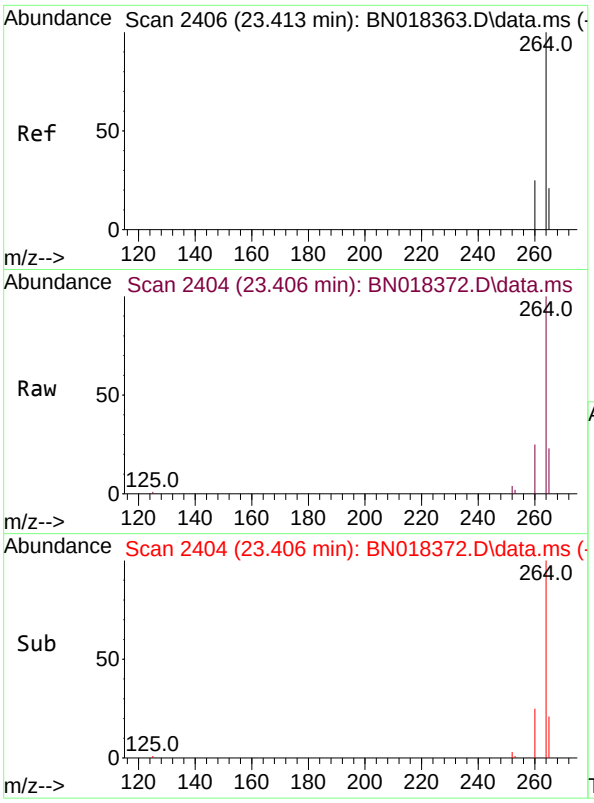


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.381 ng
RT: 21.111 min Scan# 1990
Delta R.T. -0.010 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:149 Resp: 41191

Ion	Ratio	Lower	Upper
149	100		
167	26.5	23.7	35.5
279	3.2	3.6	5.4#



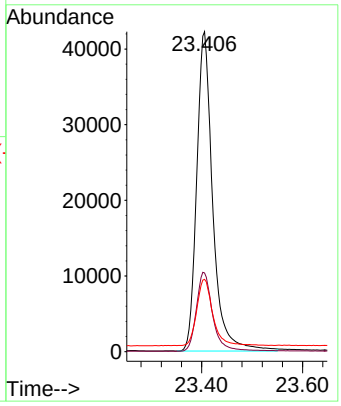


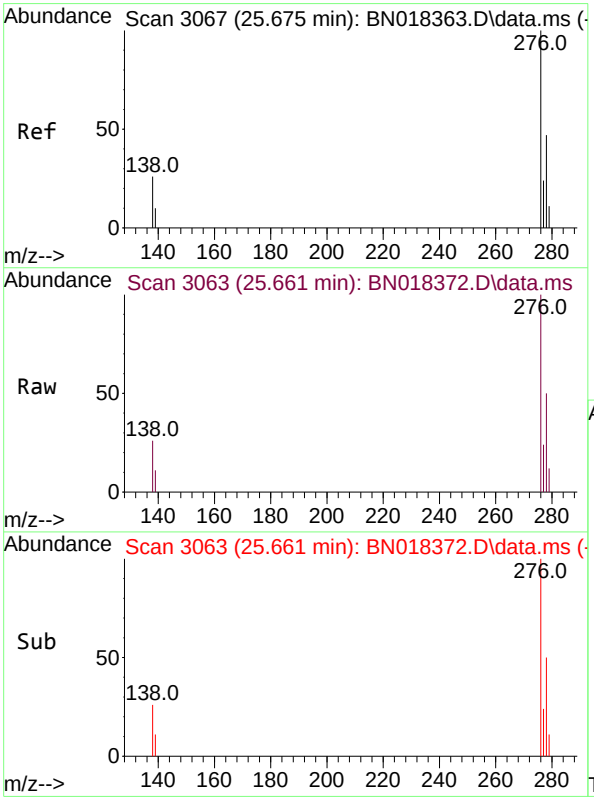
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.406 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:264 Resp: 92763

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	22.6	18.2	27.2

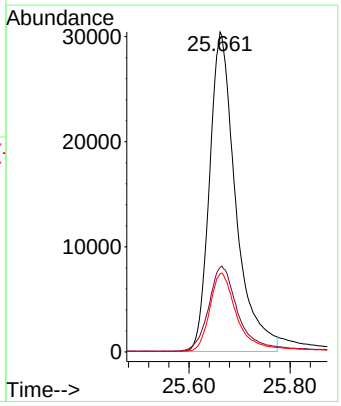


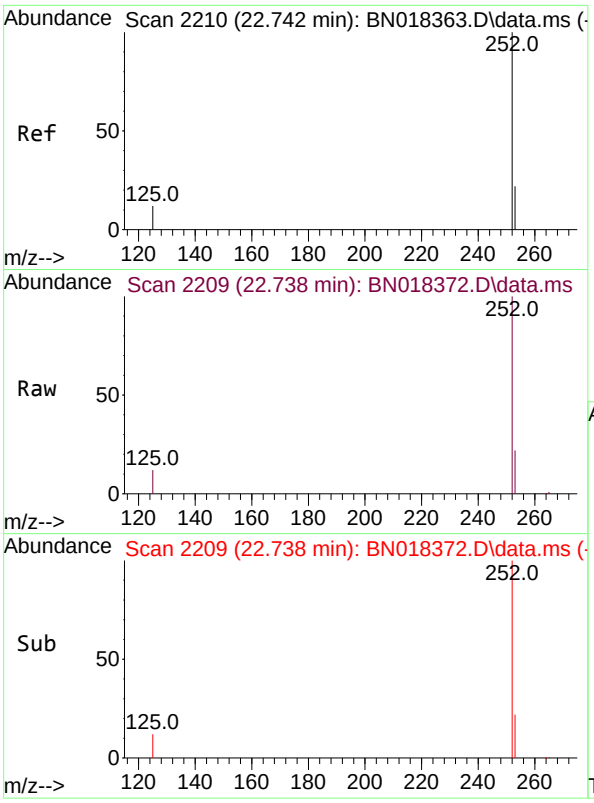


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng
RT: 25.661 min Scan# 3063
Delta R.T. -0.014 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:276 Resp: 109059

Ion	Ratio	Lower	Upper
276	100		
138	29.4	14.9	22.3#
277	25.1	19.9	29.9



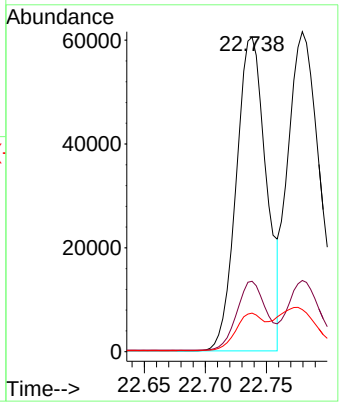


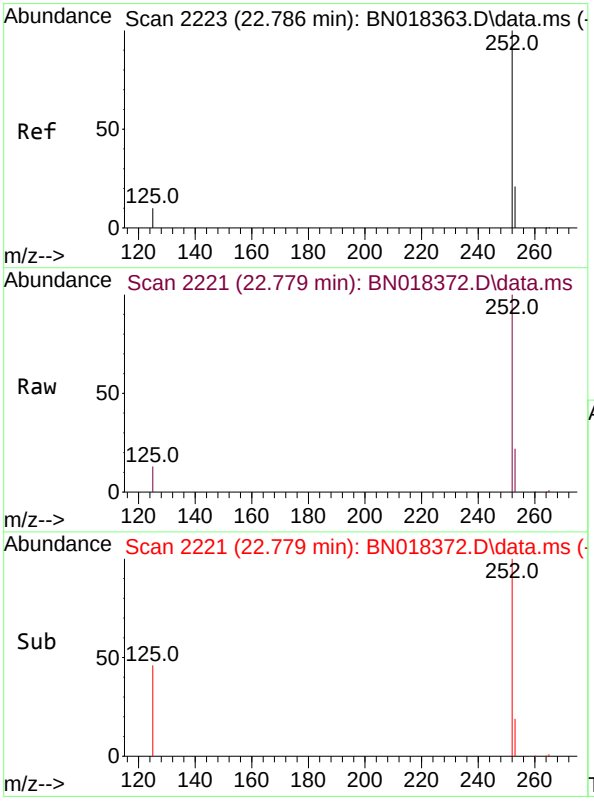
#37
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.738 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:252 Resp: 103397

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.3	6.0	9.0#

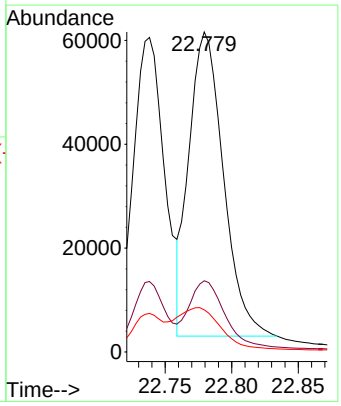


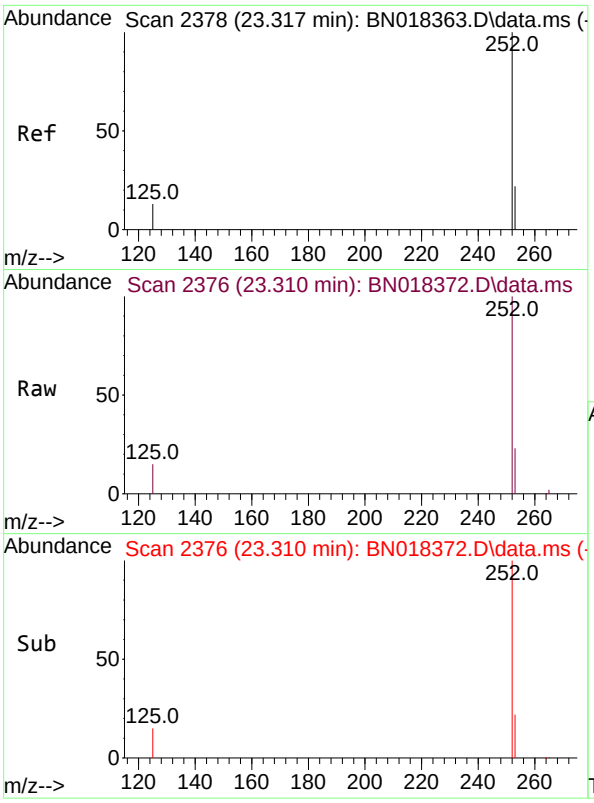


#38
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 22.779 min Scan# 2221
Delta R.T. -0.007 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:252 Resp: 105324

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	13.1	6.2	9.2#



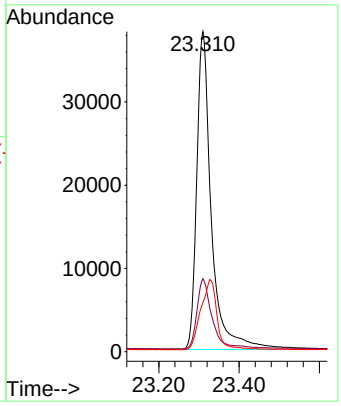


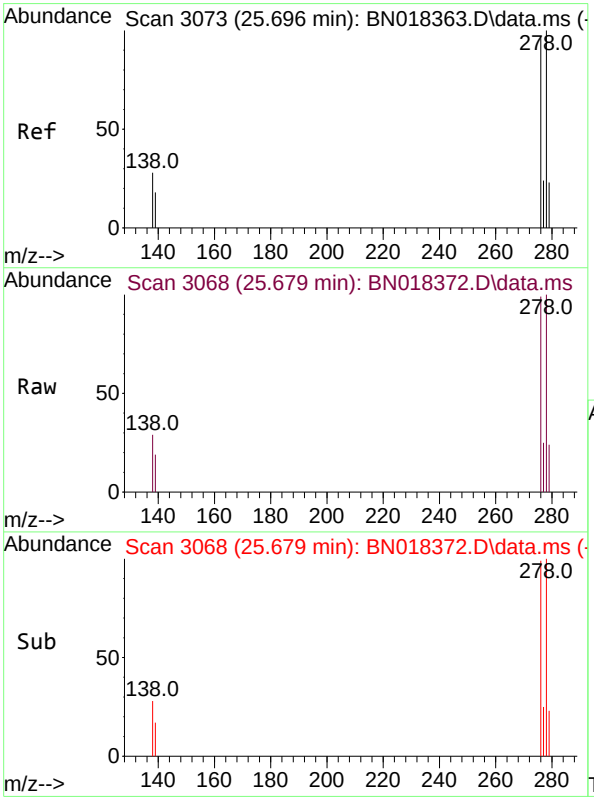
#39
Benzo(a)pyrene
Concen: 0.346 ng
RT: 23.310 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:252 Resp: 96260

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	15.4	7.0	10.4#

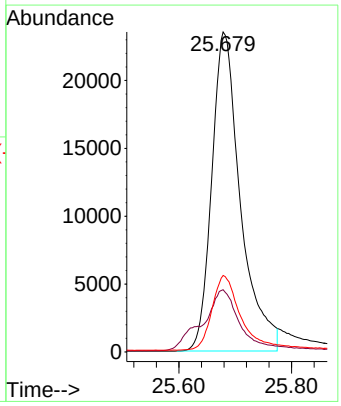


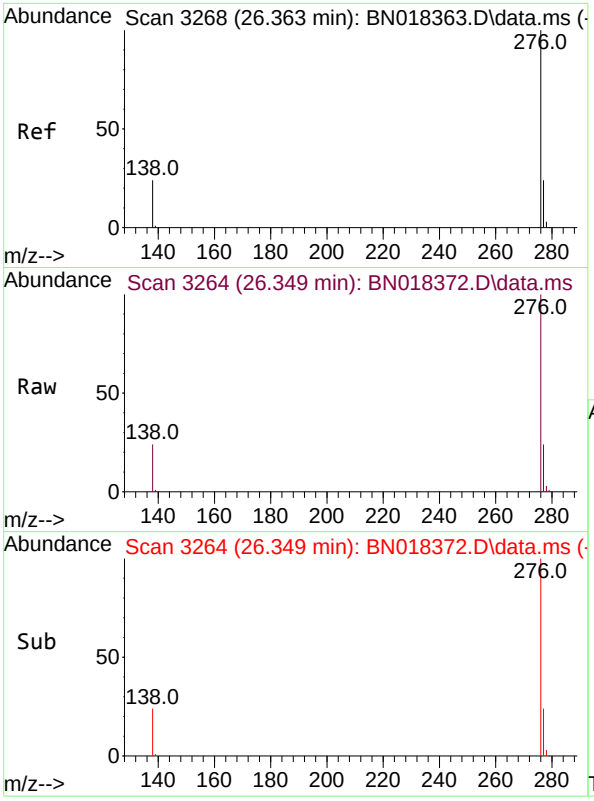


#40
Dibenzo(a,h)anthracene
Concen: 0.361 ng
RT: 25.679 min Scan# 3068
Delta R.T. -0.017 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Tgt Ion:278 Resp: 83043

Ion	Ratio	Lower	Upper
278	100		
139	19.5	10.8	16.2#
279	23.9	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 26.349 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN018372.D
Acq: 07 Jan 2022 18:14

Instrument :
BNA_N
ClientSampleId :
PB141706BS

Tgt Ion:276 Resp: 94372

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	24.4	12.6	19.0#