Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019308.D
Acq On : 02 Apr 2022 04:41
Operator : CG/JU
Sample : N2220-03 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A11015

Quant Time: Apr 02 05:11:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	1003	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	3124	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	2281	0.400	ng	-0.01
19) Phenanthrene-d10	17.205	188	4546	0.400	ng	#-0.01
29) Chrysene-d12	21.395	240	4156	0.400	ng	# 0.00
35) Perylene-d12	23.749	264	3036	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	507	0.231	ng	0.00
5) Phenol-d6	7.009	99	409	0.176	ng	0.01
8) Nitrobenzene-d5	8.993	82	430	0.192	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	1317	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	256	0.240	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	1874	0.205	ng	-0.01
27) Fluoranthene-d10	19.244	212	3022	0.221	ng	0.00
31) Terphenyl-d14	19.839	244	1968	0.213	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.622	42	68	0.049	ng	# 1
6) bis(2-Chloroethyl)ether	7.255	93	121	0.044	ng	# 19
9) Naphthalene	10.680	128	18321	2.023	ng	99
10) Hexachlorobutadiene	10.979	225	62	0.029	ng	# 86
12) 2-Methylnaphthalene	12.299	142	22679	3.882	ng	99
16) Acenaphthylene	14.185	152	20857	1.985	ng	# 95
17) Acenaphthene	14.527	154	2246	0.300	ng	# 82
18) Fluorene	15.511	166	4351	0.465	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.564	198	21	0.117	ng	# 1
21) 4-Bromophenyl-phenylether	16.405	248	89	0.031	ng	# 1
22) Hexachlorobenzene	16.528	284	111	0.029	ng	# 51
23) Atrazine	16.672	200	128	0.064	ng	# 19
24) Pentachlorophenol	16.877	266	55	0.050	ng	# 75
25) Phenanthrene	17.246	178	123496	8.629	ng	99
26) Anthracene	17.338	178	26675	2.254	ng	98
28) Fluoranthene	19.274	202	251817	14.750	ng	99
30) Pyrene	19.632	202	216895	10.564	ng	97
32) Benzo(a)anthracene	21.378	228	86032	6.607	ng	95
33) Chrysene	21.431	228	106018	6.369	ng	97
34) Bis(2-ethylhexyl)phtha...	21.306	149	10220	1.174	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.182	276	25891	2.087	ng	# 90
37) Benzo(b)fluoranthene	23.036	252	98854	8.765	ng	98
39) Benzo(a)pyrene	23.647	252	47780	4.663	ng	98
40) Dibenzo(a,h)anthracene	26.194	278	6049	0.668	ng	# 66
41) Benzo(g,h,i)perylene	26.928	276	28784	2.274	ng	97

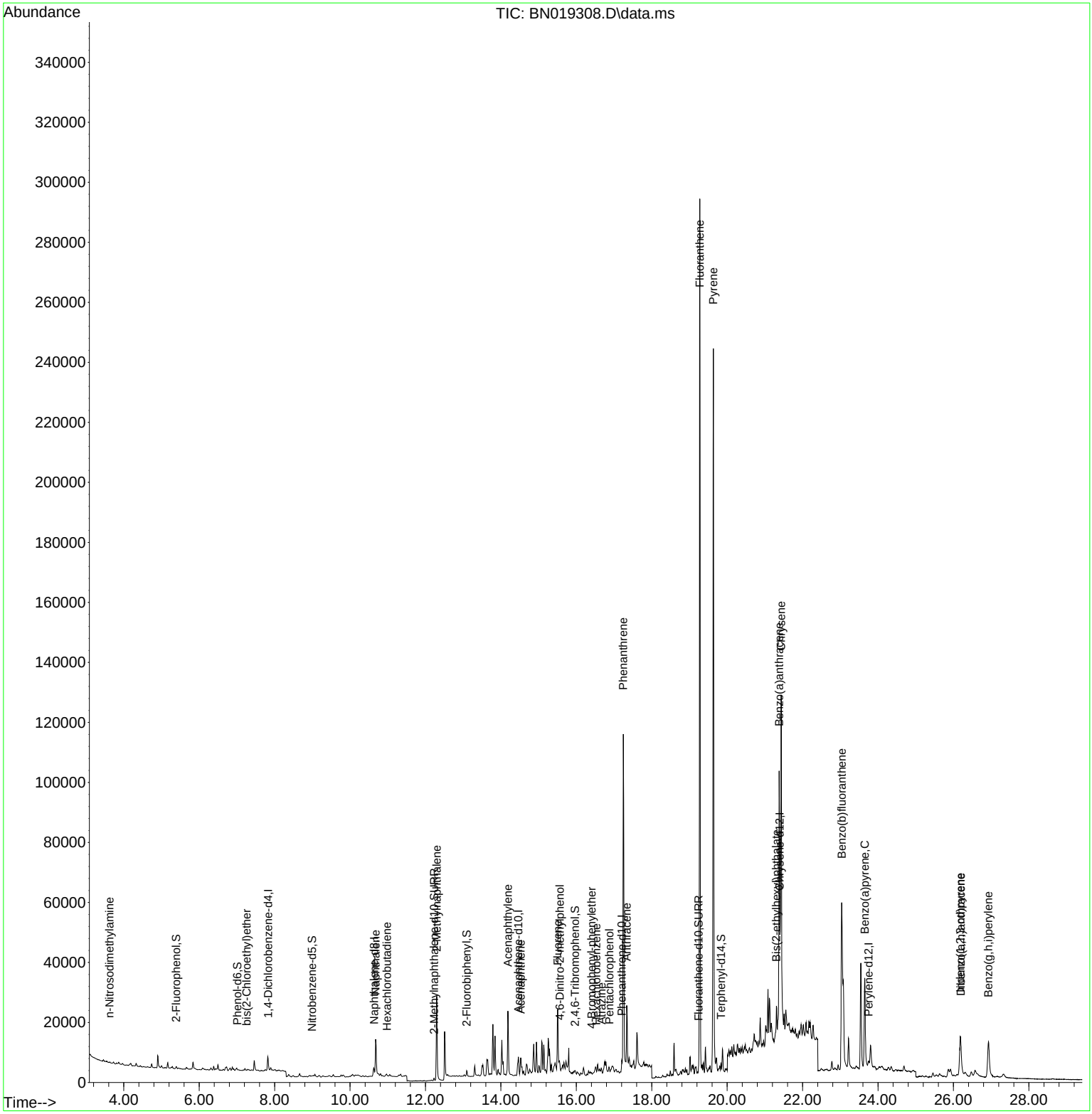
(#) = qualifier out of range (m) = manual integration (+) = signals summed

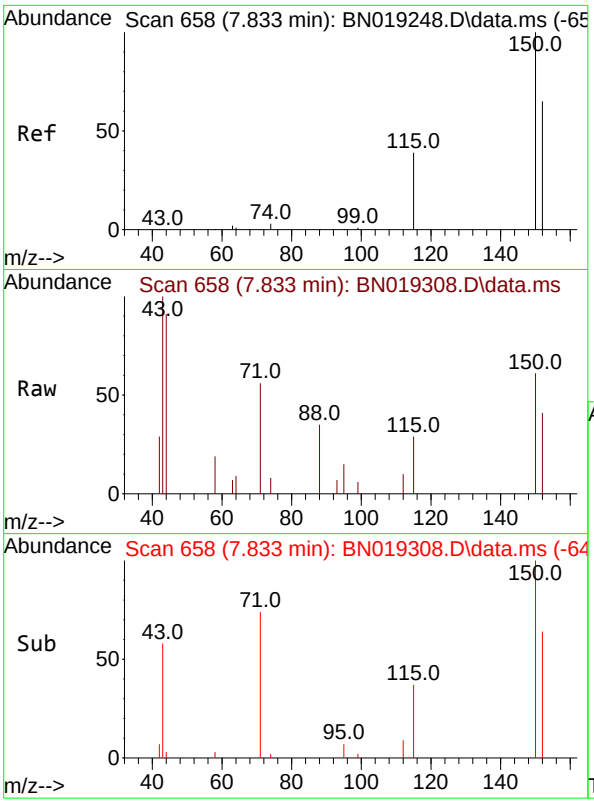
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019308.D
Acq On : 02 Apr 2022 04:41
Operator : CG/JU
Sample : N2220-03 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A11015

Quant Time: Apr 02 05:11:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration



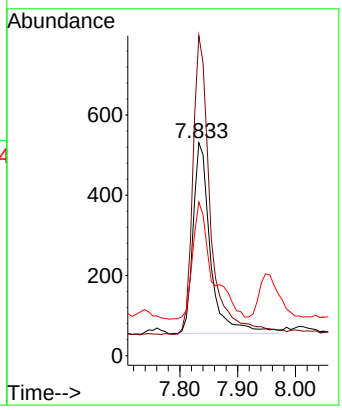


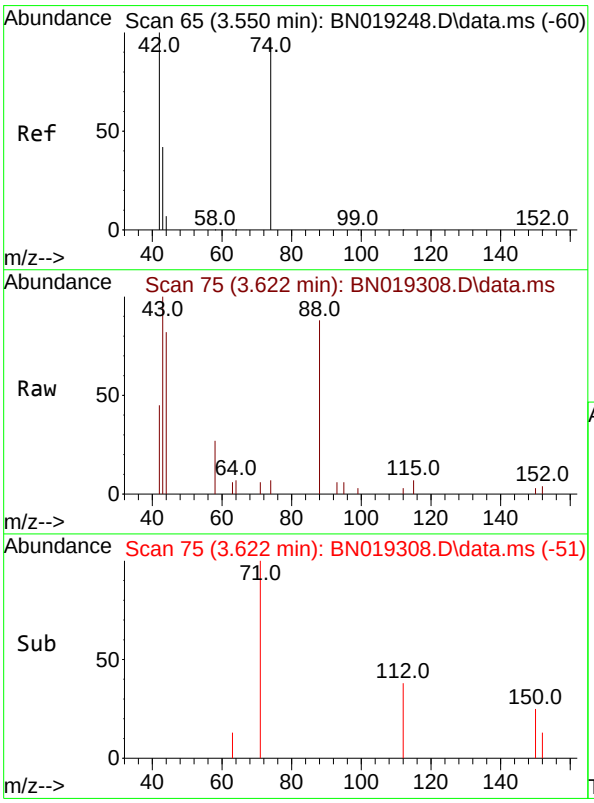
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:152 Resp: 1003

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.9	185.9
115	72.1	48.2	72.4

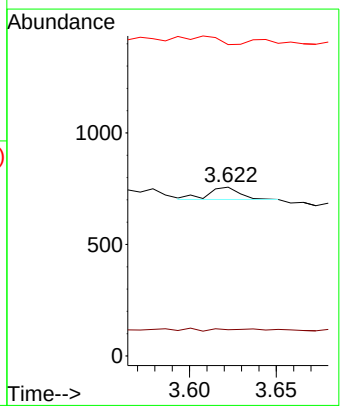


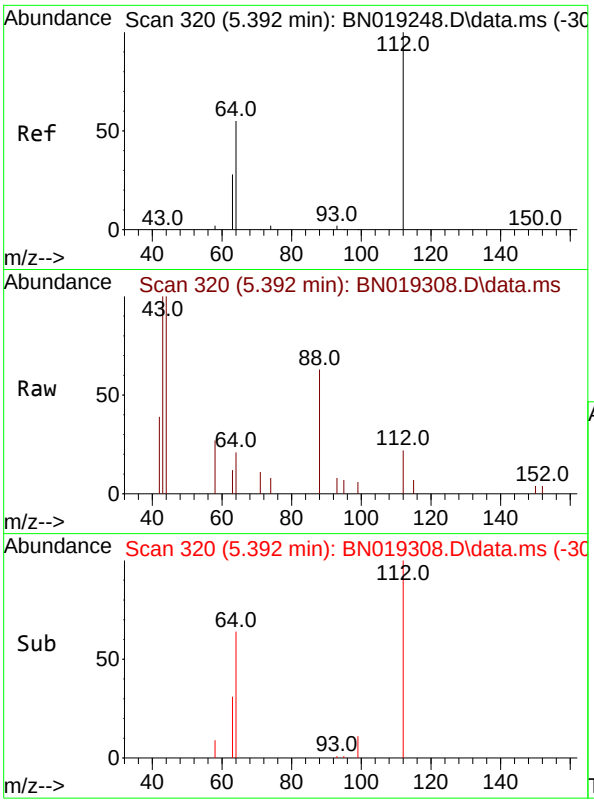


#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.622 min Scan# 75
Delta R.T. 0.072 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion: 42 Resp: 68

Ion	Ratio	Lower	Upper
42	100		
74	16.2	96.9	145.3#
44	83.8	7.3	10.9#



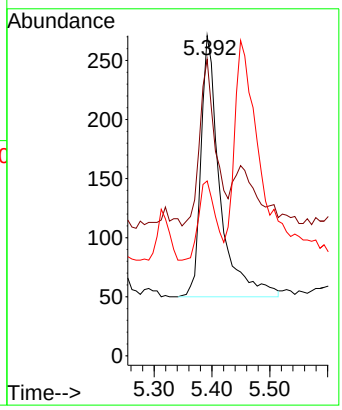


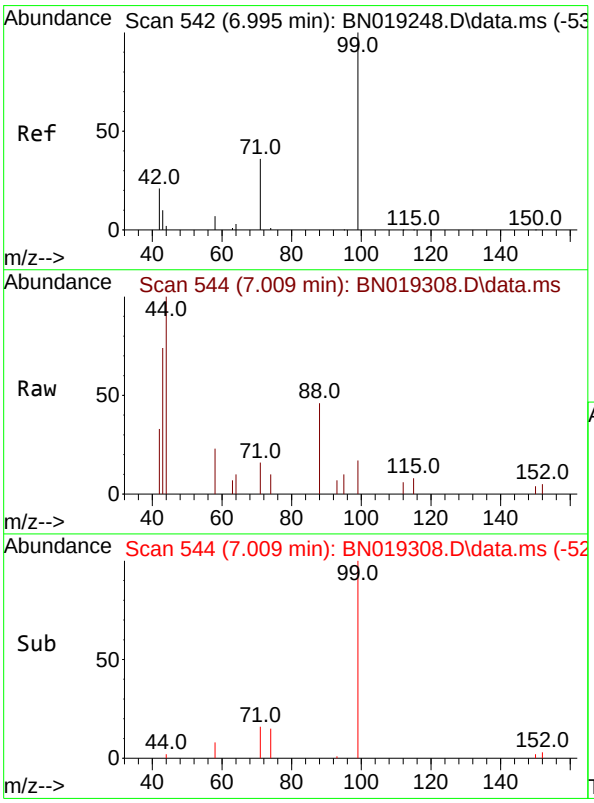
#4
2-Fluorophenol
Concen: 0.231 ng
RT: 5.392 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:112 Resp: 507

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.8	71.8
63	27.0	25.7	38.5

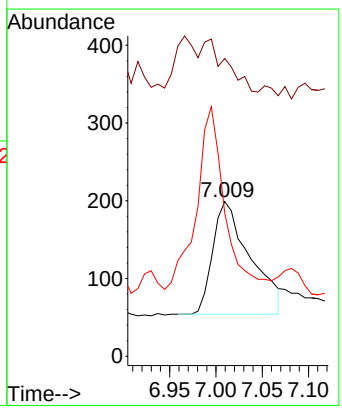


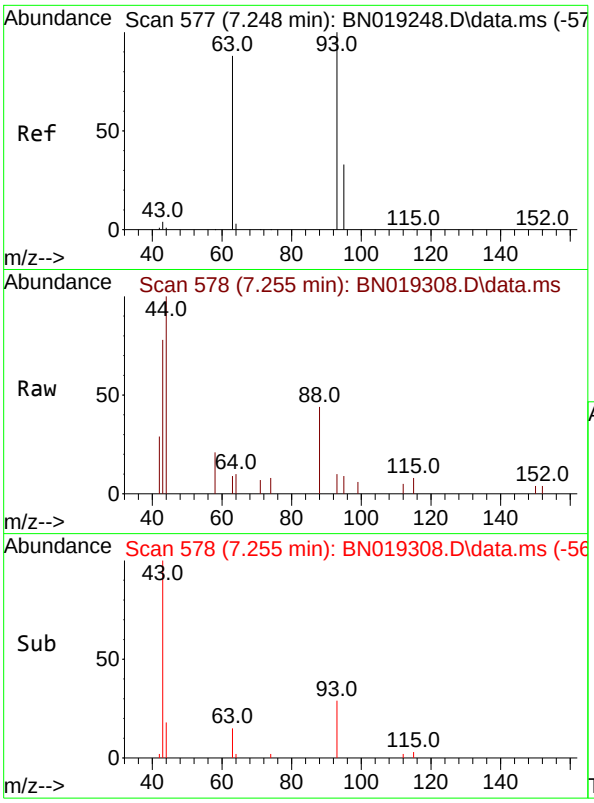


#5
Phenol-d6
Concen: 0.176 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.014 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion: 99 Resp: 409

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.2	24.4#
71	122.2	27.7	41.5#



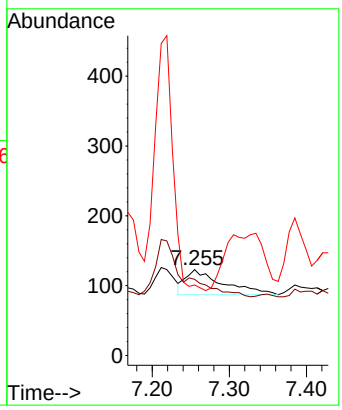


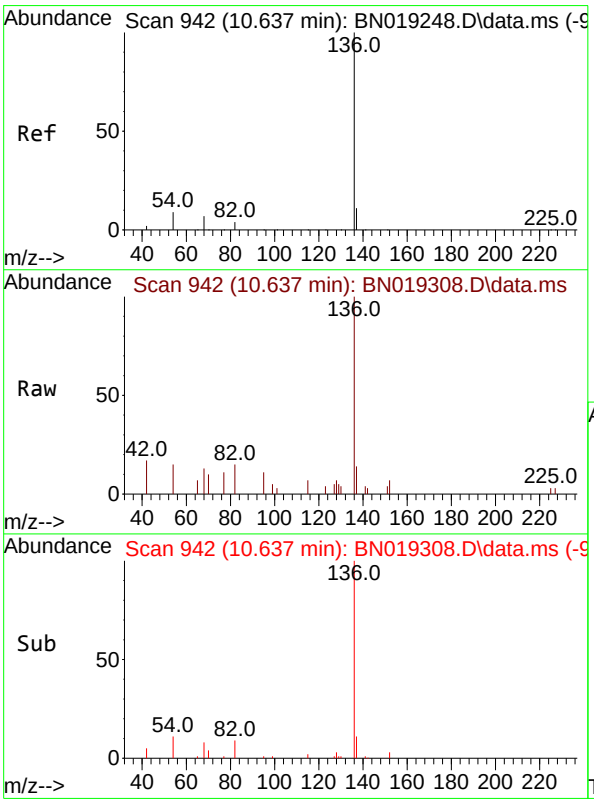
#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.255 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion: 93 Resp: 121

Ion	Ratio	Lower	Upper
93	100		
63	0.0	62.8	94.2#
95	0.0	26.2	39.4#

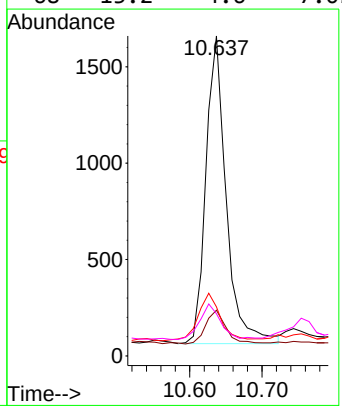


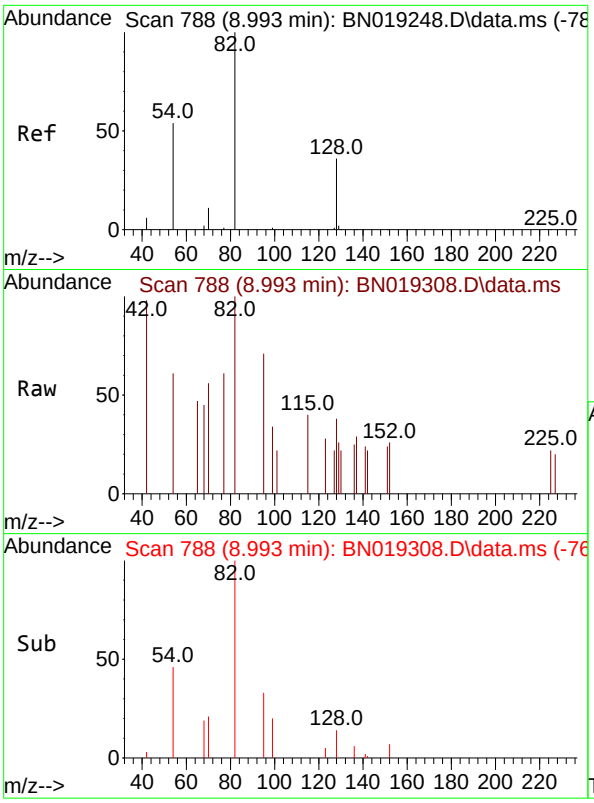


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:136 Resp: 3124

Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.0	13.4#
54	15.4	5.8	8.6#
68	13.2	4.6	7.0#



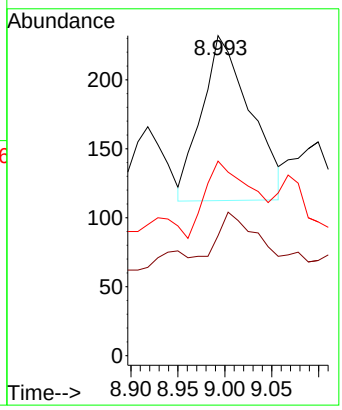


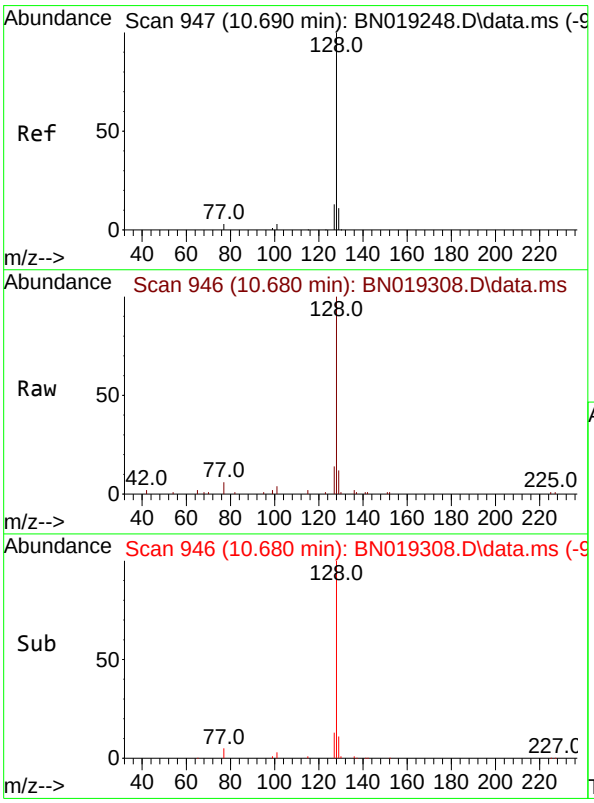
#8
Nitrobenzene-d5
Concen: 0.192 ng
RT: 8.993 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion: 82 Resp: 430

Ion	Ratio	Lower	Upper
82	100		
128	37.5	33.0	49.6
54	60.8	42.5	63.7

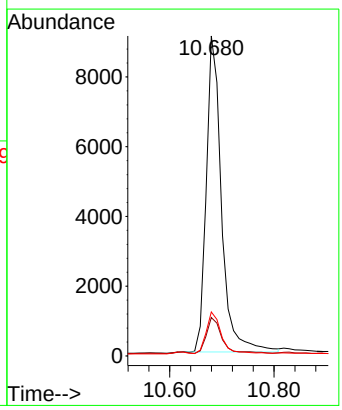


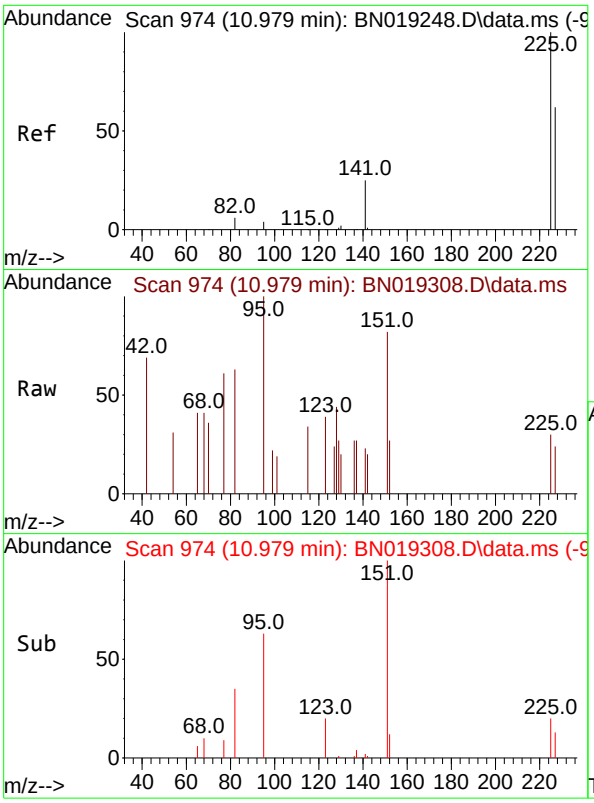


#9
Naphthalene
Concen: 2.023 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.011 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:128 Resp: 18321

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	13.8	10.7	16.1



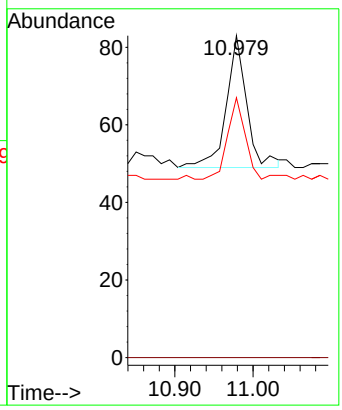


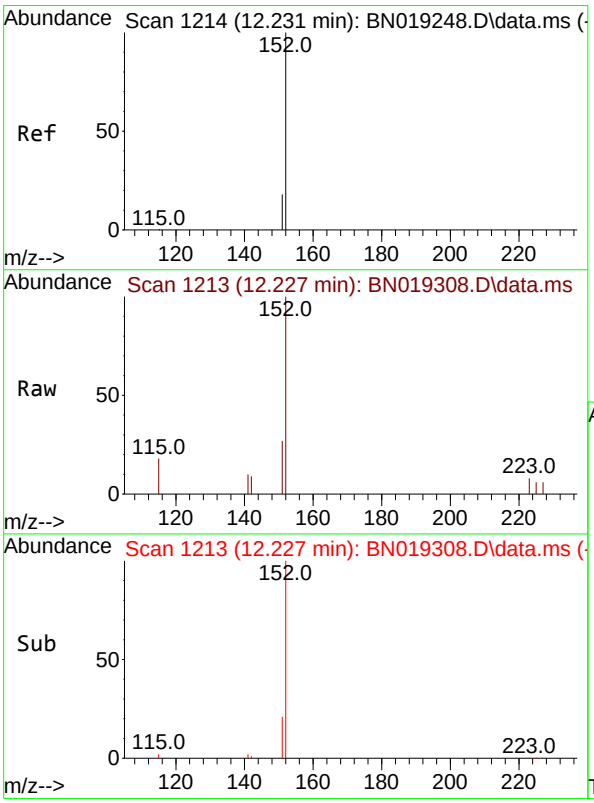
#10
Hexachlorobutadiene
Concen: 0.029 ng
RT: 10.979 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:225 Resp: 62

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	53.2	51.0	76.6

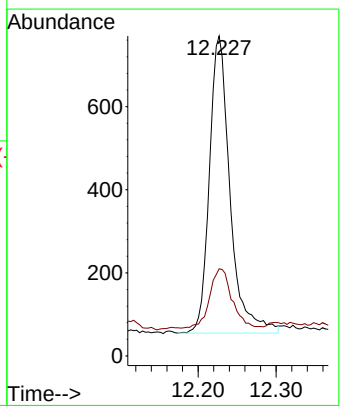


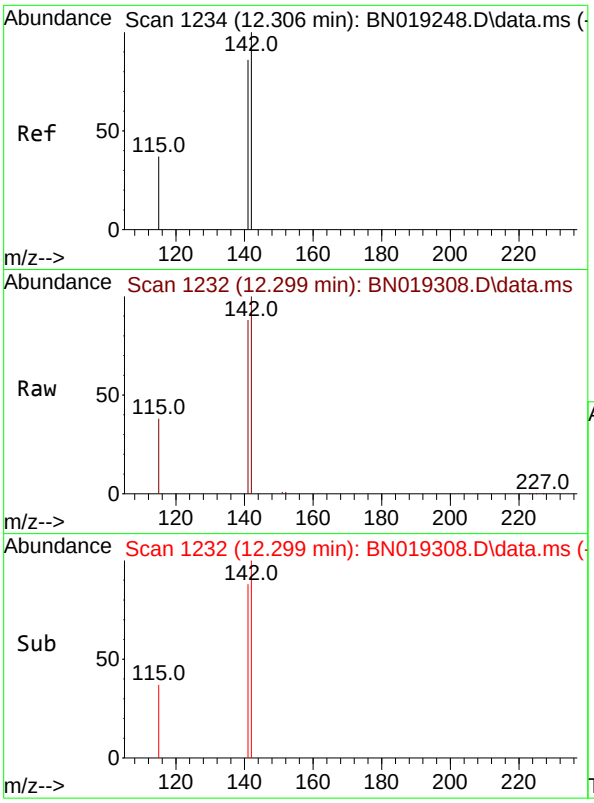


#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.227 min Scan# 1213
Delta R.T. -0.004 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:152 Resp: 1317

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.5	24.7



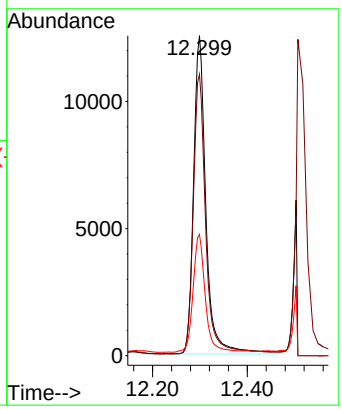


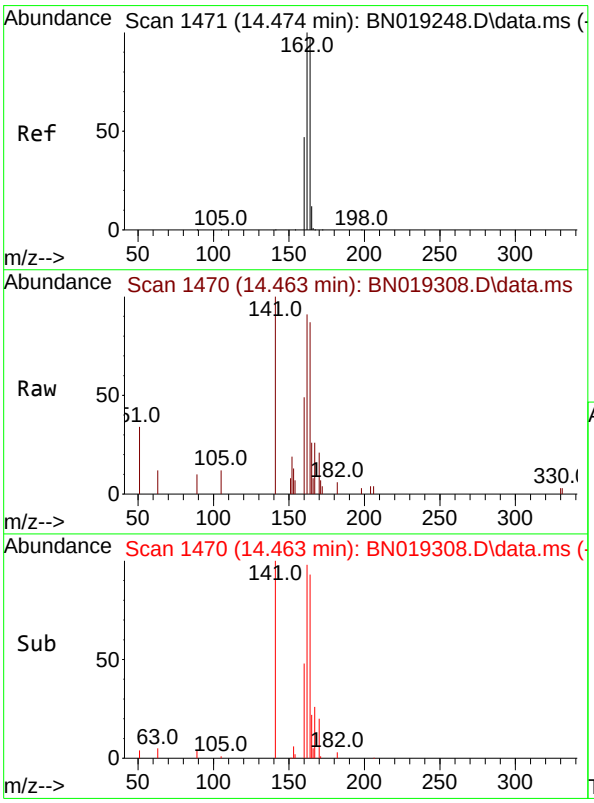
#12
2-Methylnaphthalene
Concen: 3.882 ng
RT: 12.299 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:142 Resp: 22679

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0
115	37.9	29.8	44.8

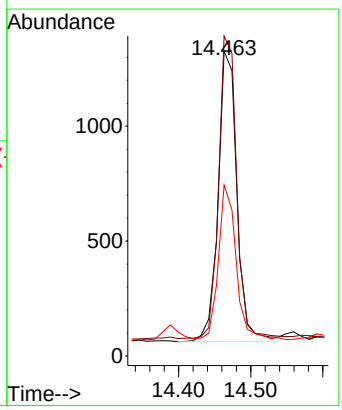


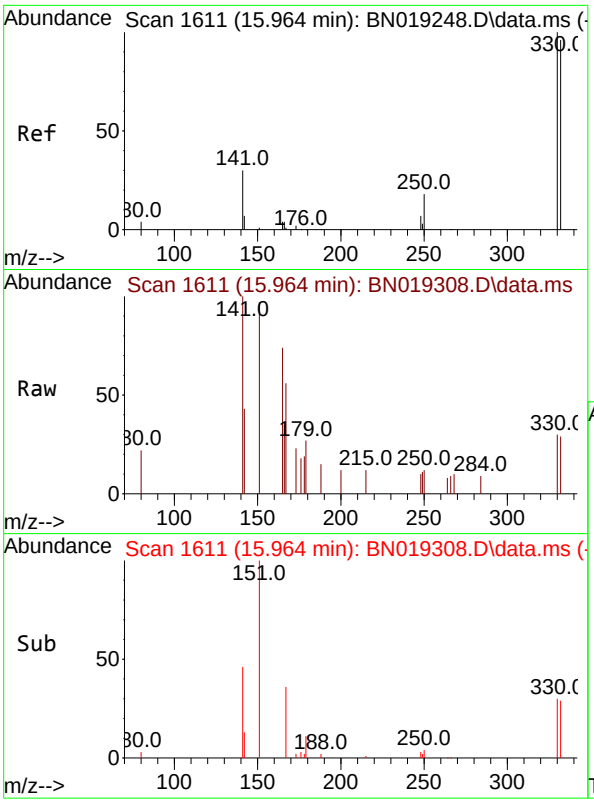


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. -0.011 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:164 Resp: 2281

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.2	127.8
160	56.1	41.5	62.3



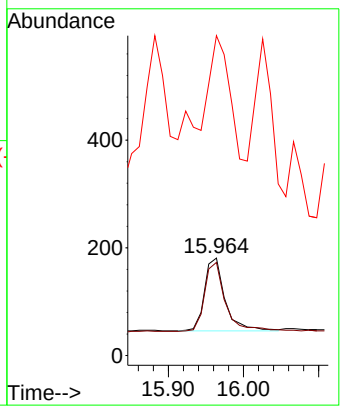


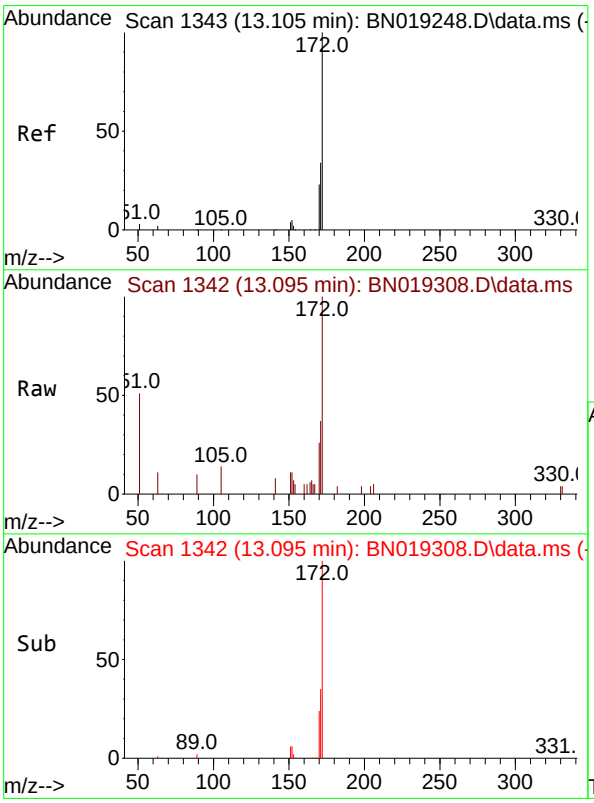
#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 15.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:330 Resp: 256

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	192.2	32.2	48.2#

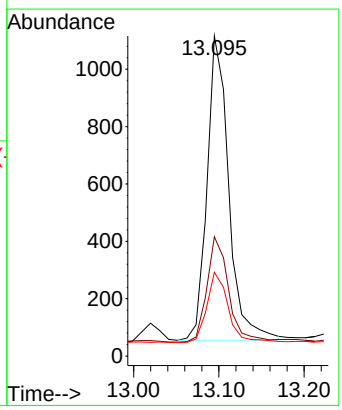


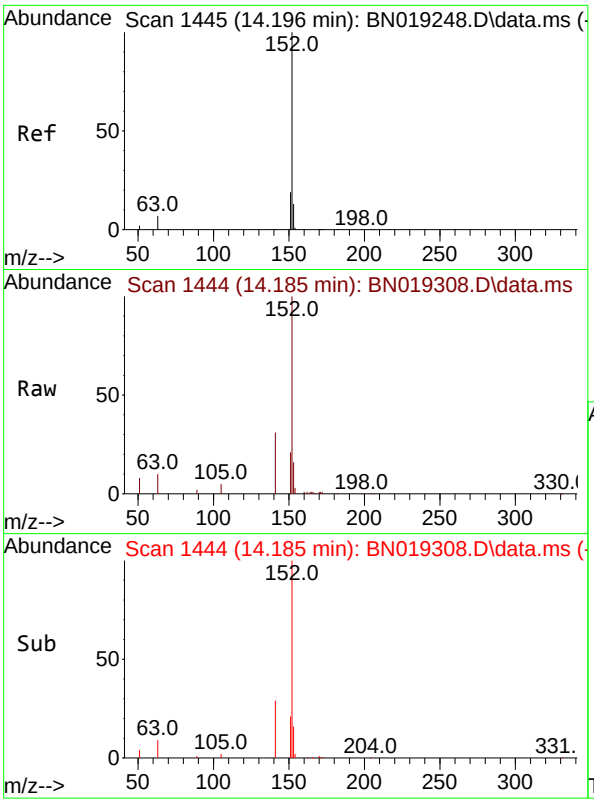


#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:172 Resp: 1874

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.2	42.2
170	26.2	18.7	28.1



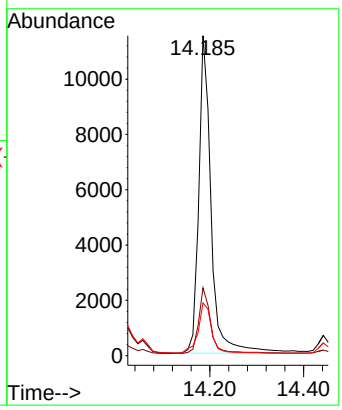


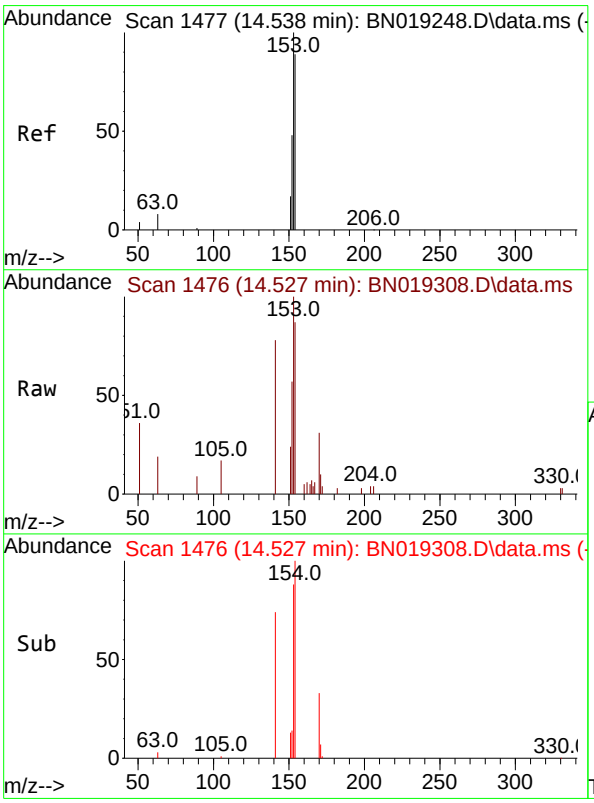
#16
Acenaphthylene
Concen: 1.985 ng
RT: 14.185 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:152 Resp: 20857

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.9	23.9
153	17.4	10.6	15.8#

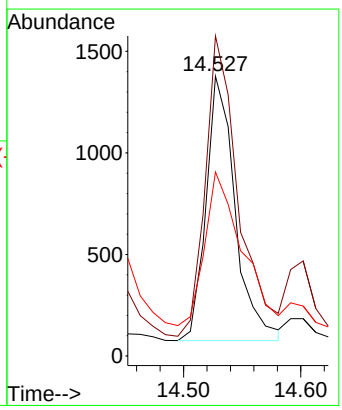


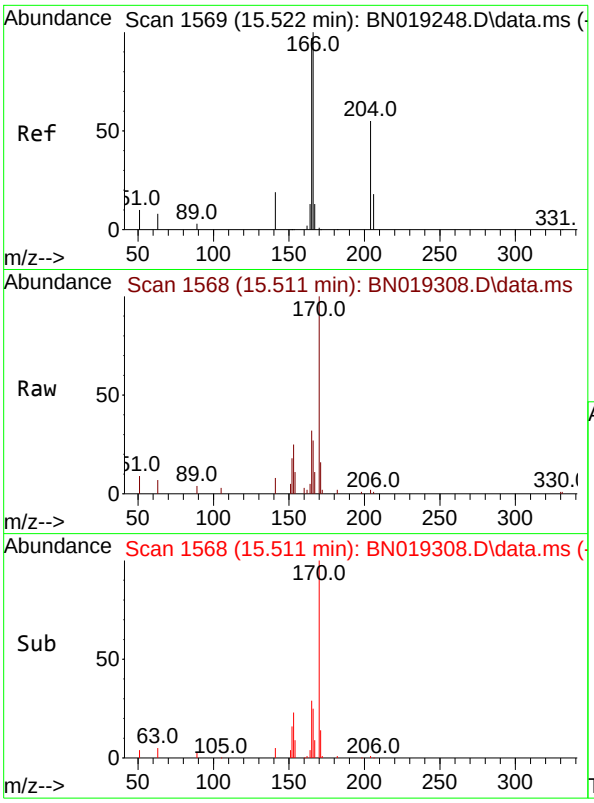


#17
Acenaphthene
Concen: 0.300 ng
RT: 14.527 min Scan# 1476
Delta R.T. -0.011 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:154 Resp: 2246

Ion	Ratio	Lower	Upper
154	100		
153	128.1	89.7	134.5
152	73.2	44.7	67.1#



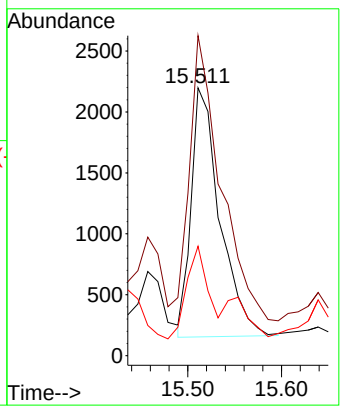


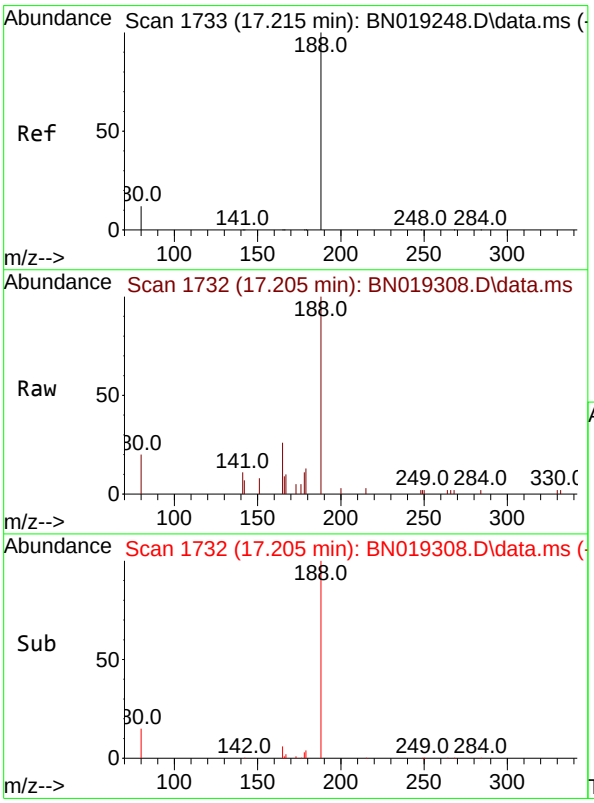
#18
Fluorene
Concen: 0.465 ng
RT: 15.511 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:166 Resp: 4351

Ion	Ratio	Lower	Upper
166	100		
165	124.6	79.2	118.8#
167	28.3	10.7	16.1#

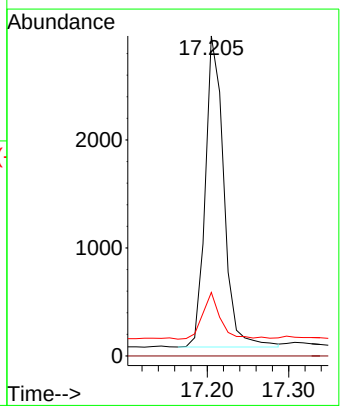


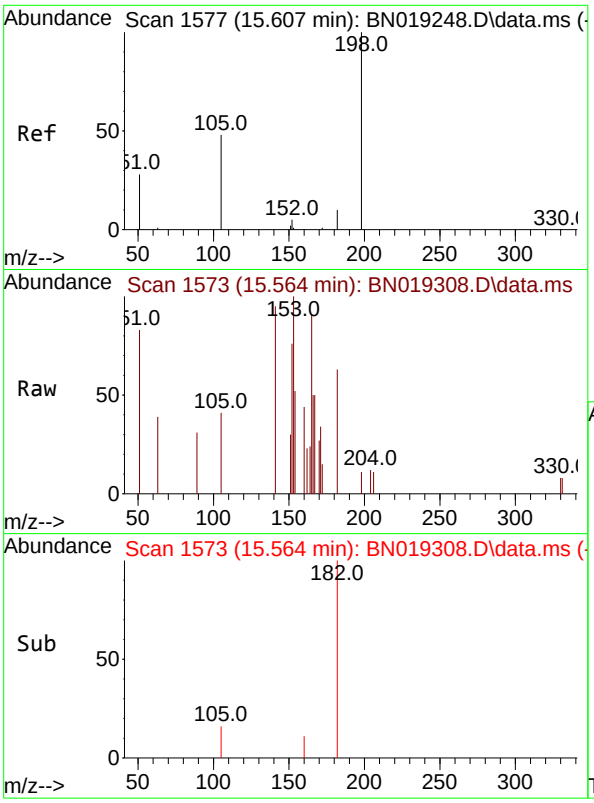


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:188 Resp: 4546

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	19.8	11.8	17.8#



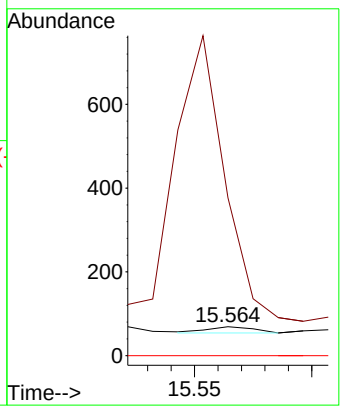


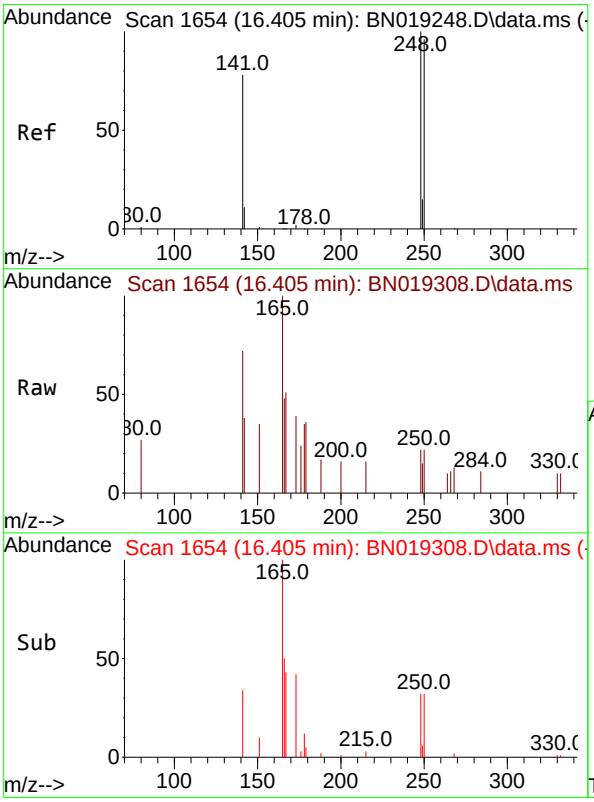
#20
4,6-Dinitro-2-methylphenol
Concen: 0.117 ng
RT: 15.564 min Scan# 1
Delta R.T. -0.043 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:198 Resp: 21

Ion	Ratio	Lower	Upper
198	100		
182	546.4	13.0	19.4#
77	0.0	0.0	0.0

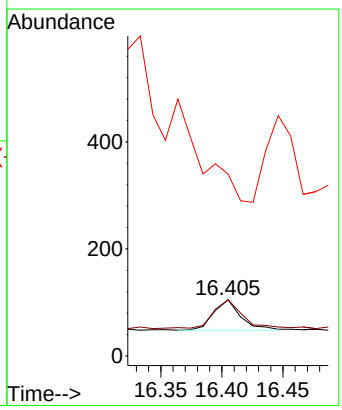


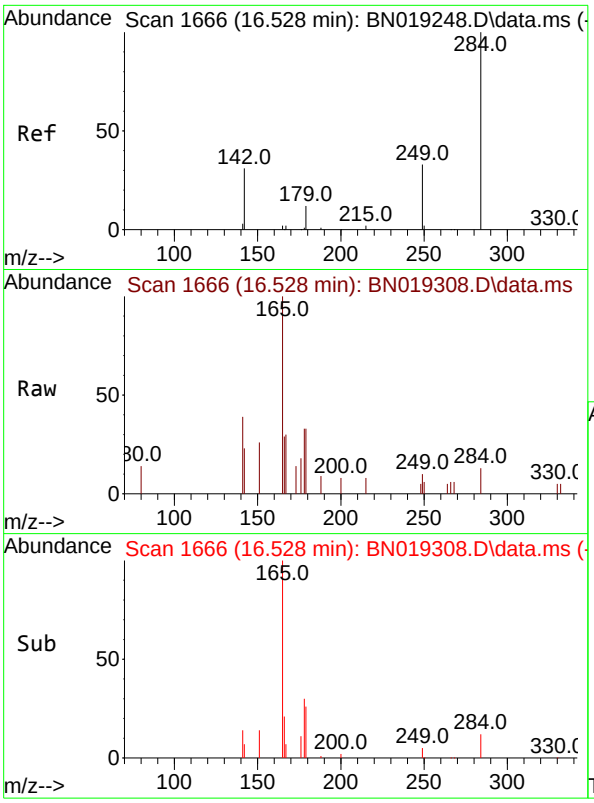


#21
4-Bromophenyl-phenylether
Concen: 0.031 ng
RT: 16.405 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:248 Resp: 89

Ion	Ratio	Lower	Upper
248	100		
250	100.0	80.7	121.1
141	323.8	39.6	59.4#



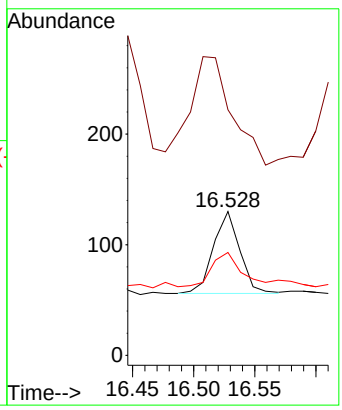


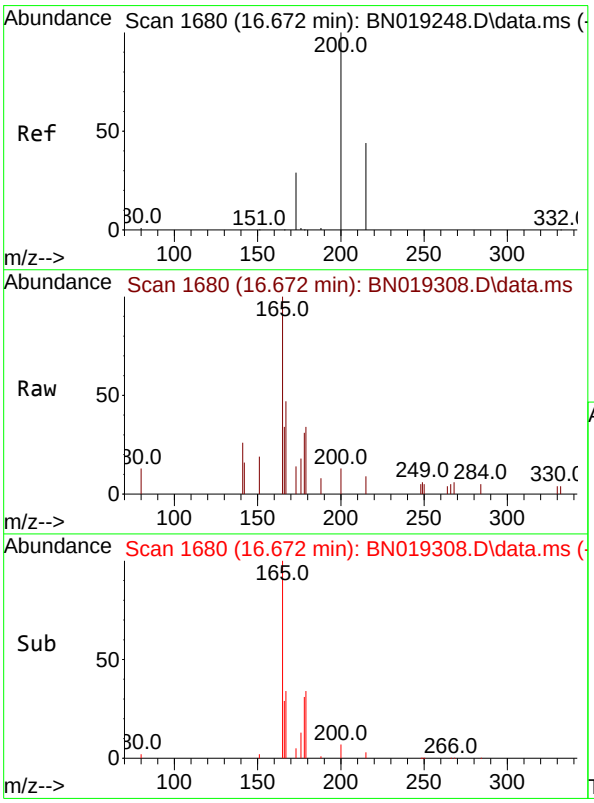
#22
Hexachlorobenzene
Concen: 0.029 ng
RT: 16.528 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:284 Resp: 111

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.8	44.8#
249	52.3	26.2	39.2#

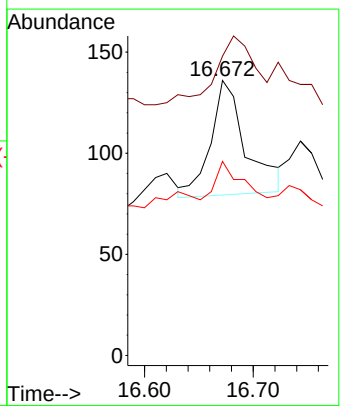


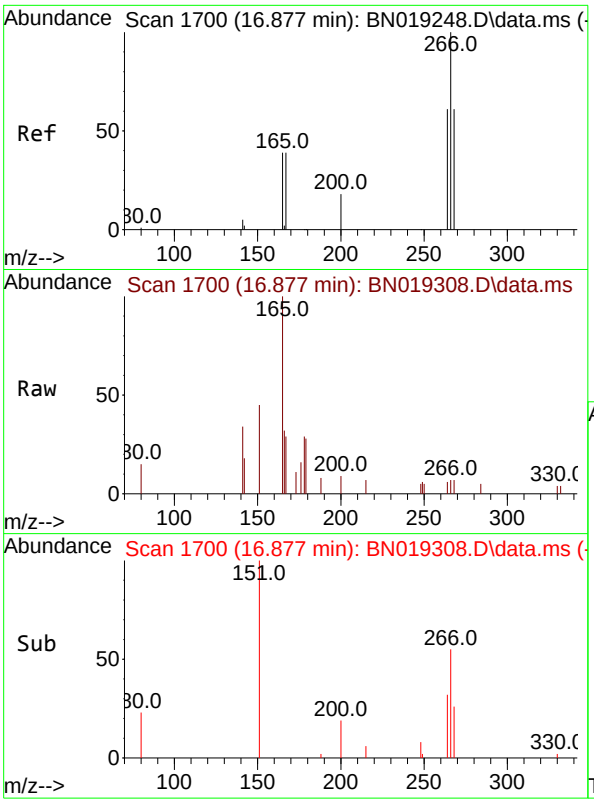


#23
Atrazine
Concen: 0.064 ng
RT: 16.672 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:200 Resp: 128

Ion	Ratio	Lower	Upper
200	100		
173	108.8	23.9	35.9#
215	70.6	36.6	54.8#



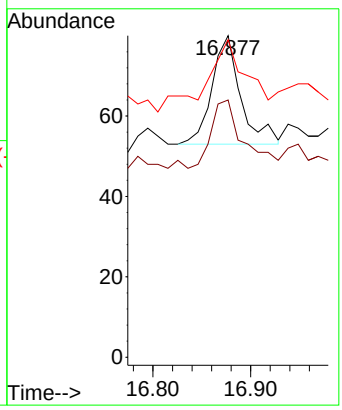


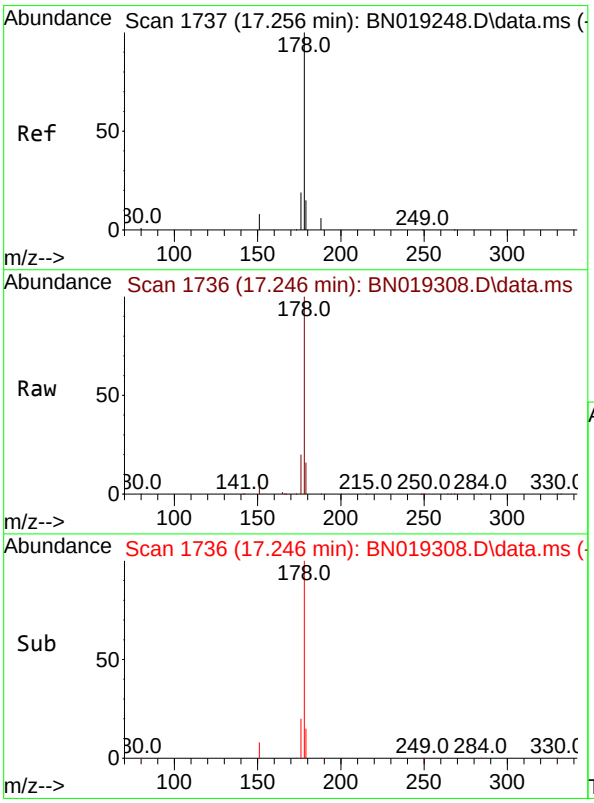
#24
Pentachlorophenol
Concen: 0.050 ng
RT: 16.877 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:266 Resp: 55

Ion	Ratio	Lower	Upper
266	100		
264	72.7	50.2	75.4
268	94.5	51.9	77.9#

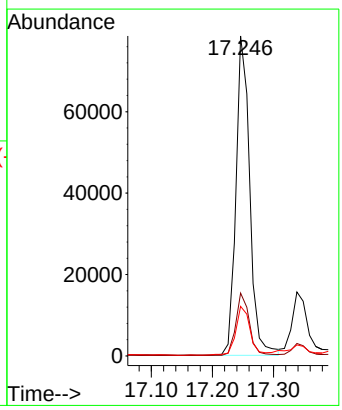


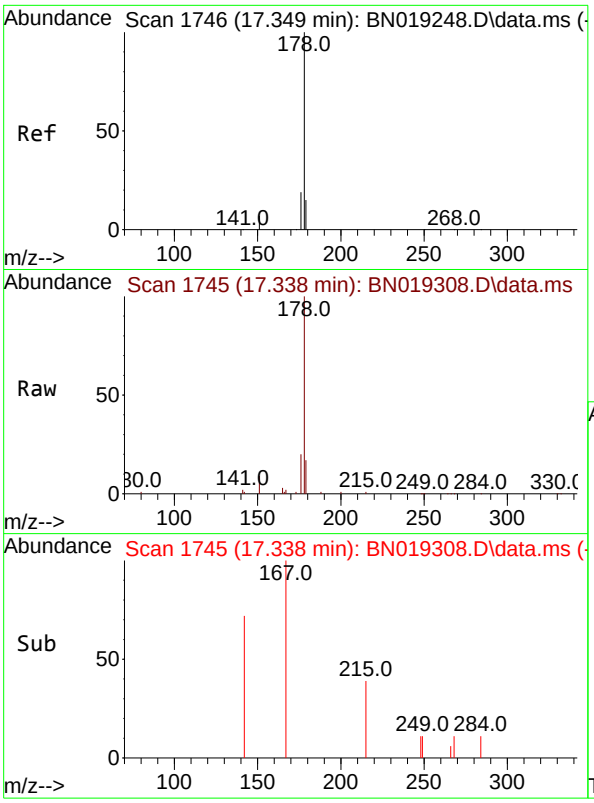


#25
Phenanthrene
Concen: 8.629 ng
RT: 17.246 min Scan# 1736
Delta R.T. -0.010 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:178 Resp: 123496

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.7	12.2	18.2



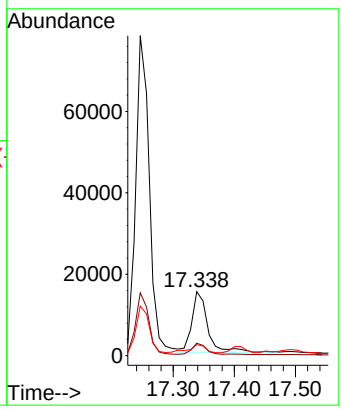


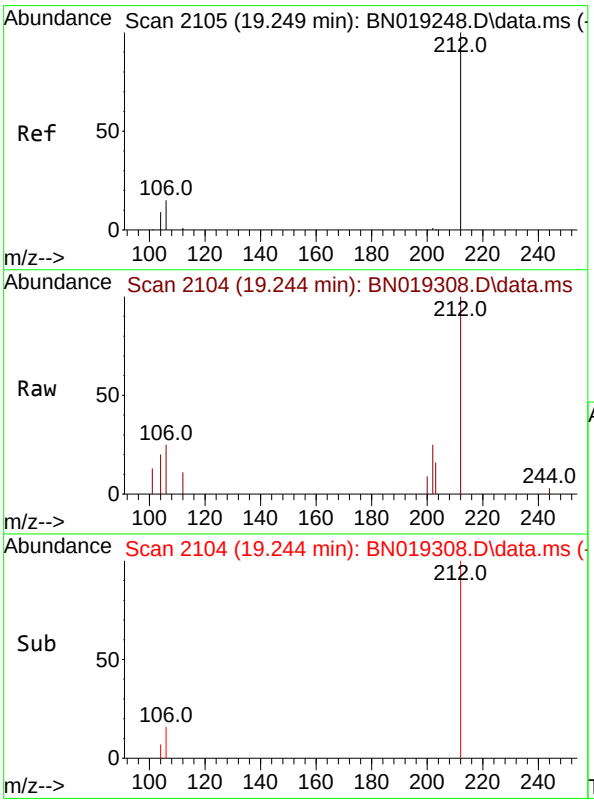
#26
Anthracene
Concen: 2.254 ng
RT: 17.338 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:178 Resp: 26675

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.8	22.2
179	14.3	12.2	18.4

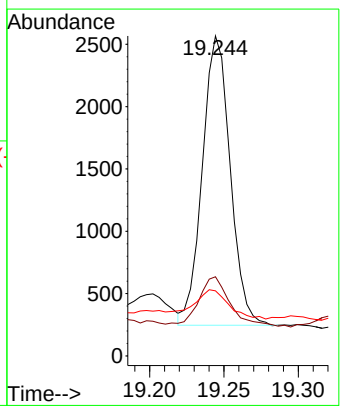


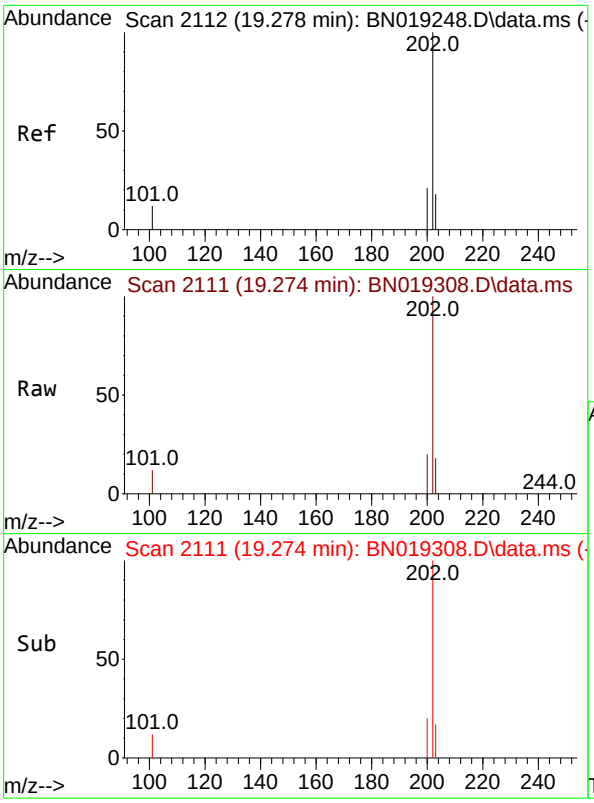


#27
Fluoranthene-d10
Concen: 0.221 ng
RT: 19.244 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:212 Resp: 3022

Ion	Ratio	Lower	Upper
212	100		
106	20.1	12.7	19.1#
104	12.1	7.1	10.7#



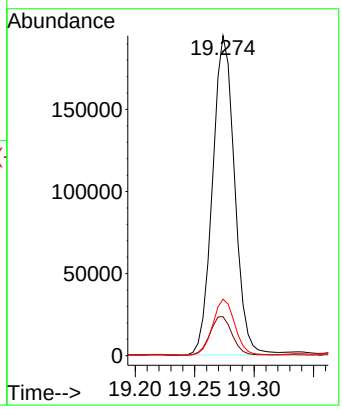


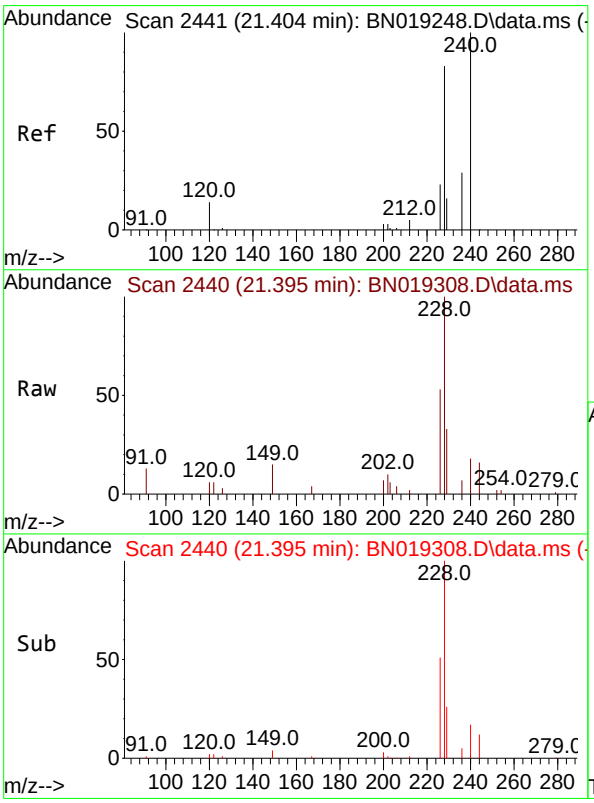
#28
Fluoranthene
Concen: 14.750 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:202 Resp: 251817

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
203	17.4	13.7	20.5

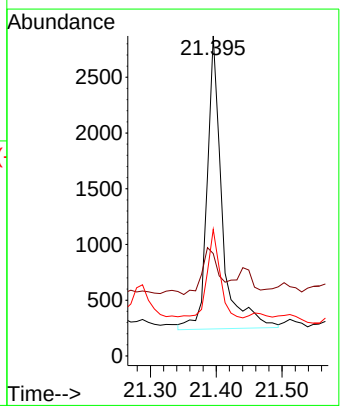


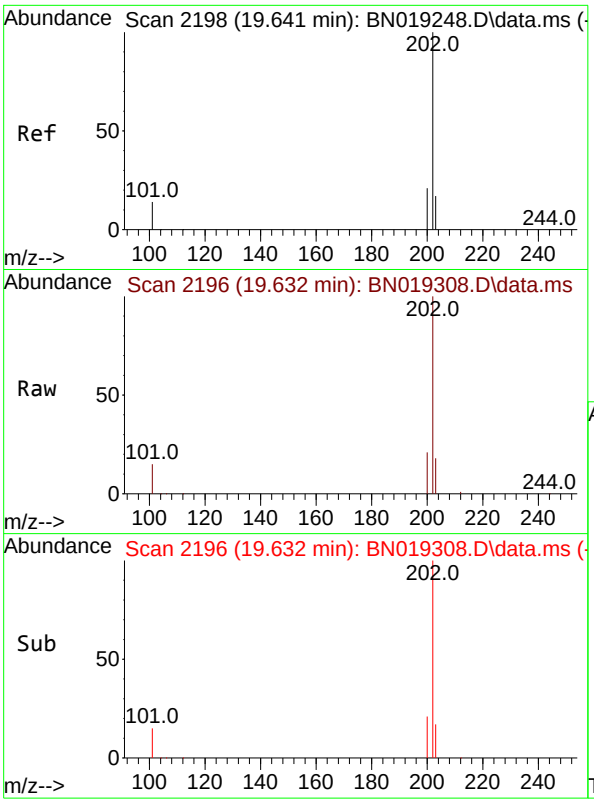


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:240 Resp: 4156

Ion	Ratio	Lower	Upper
240	100		
120	32.0	8.5	12.7#
236	39.6	22.4	33.6#



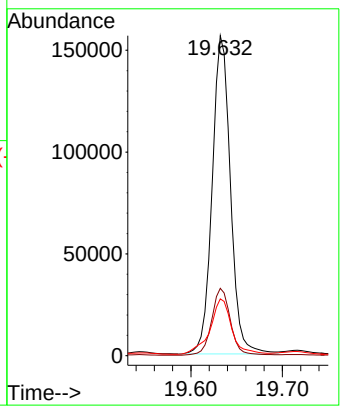


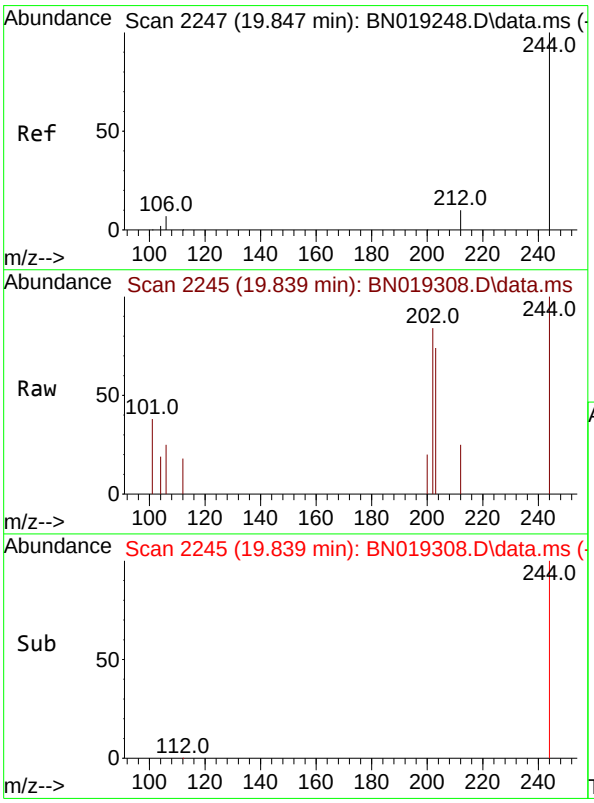
#30
Pyrene
Concen: 10.564 ng
RT: 19.632 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:202 Resp: 216895

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	20.4	14.2	21.2

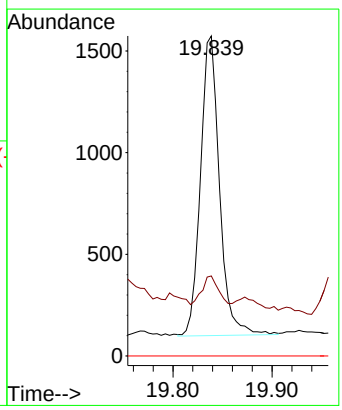


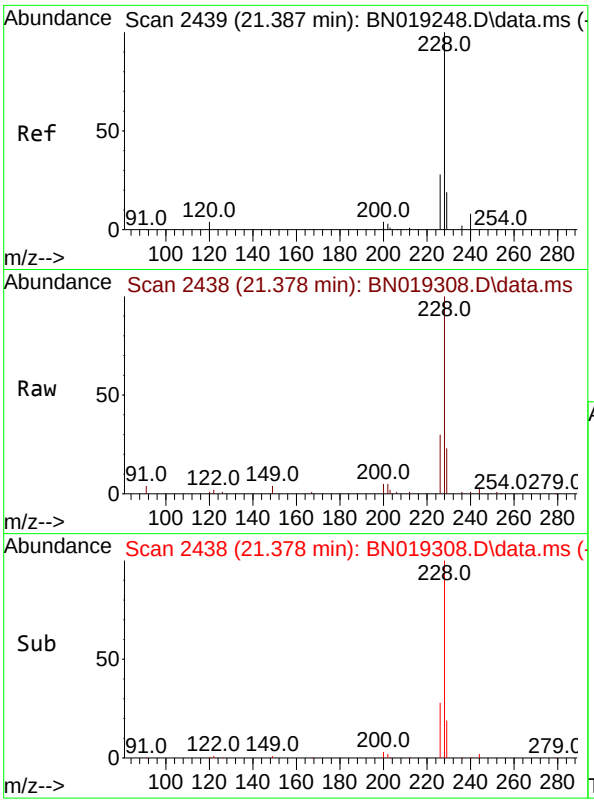


#31
Terphenyl-d14
Concen: 0.213 ng
RT: 19.839 min Scan# 2245
Delta R.T. -0.008 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:244 Resp: 1968

Ion	Ratio	Lower	Upper
244	100		
212	25.0	8.2	12.4#
122	0.0	0.0	0.0



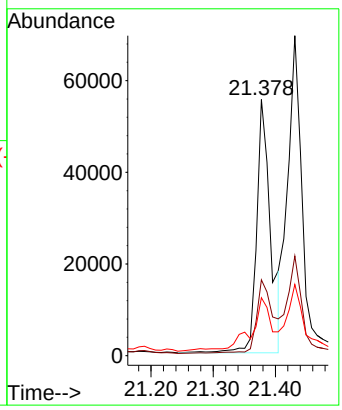


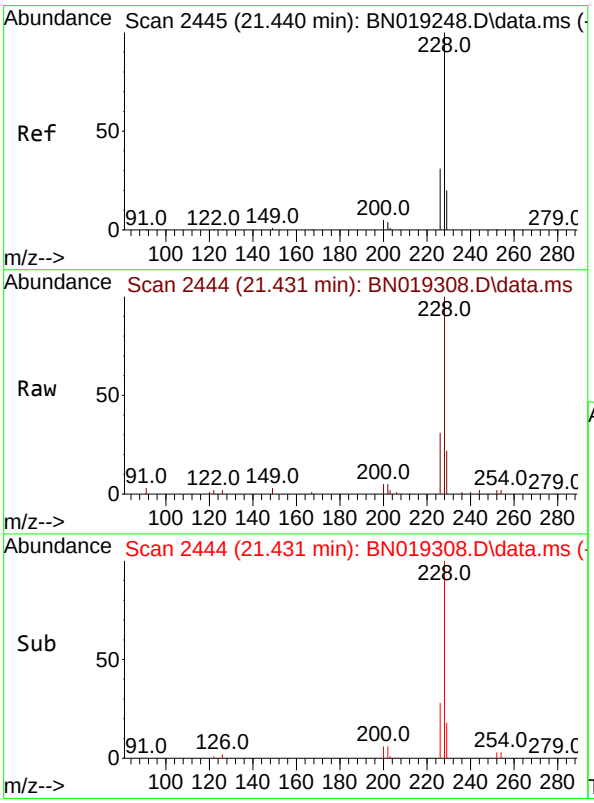
#32
Benzo(a)anthracene
Concen: 6.607 ng
RT: 21.378 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:228 Resp: 86032

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.9	32.9
229	22.6	16.0	24.0

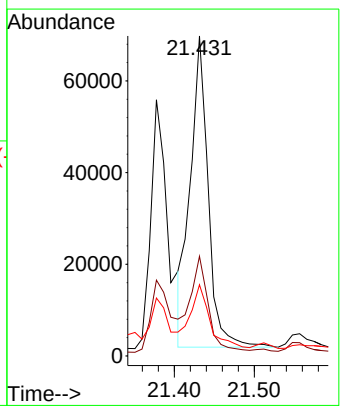


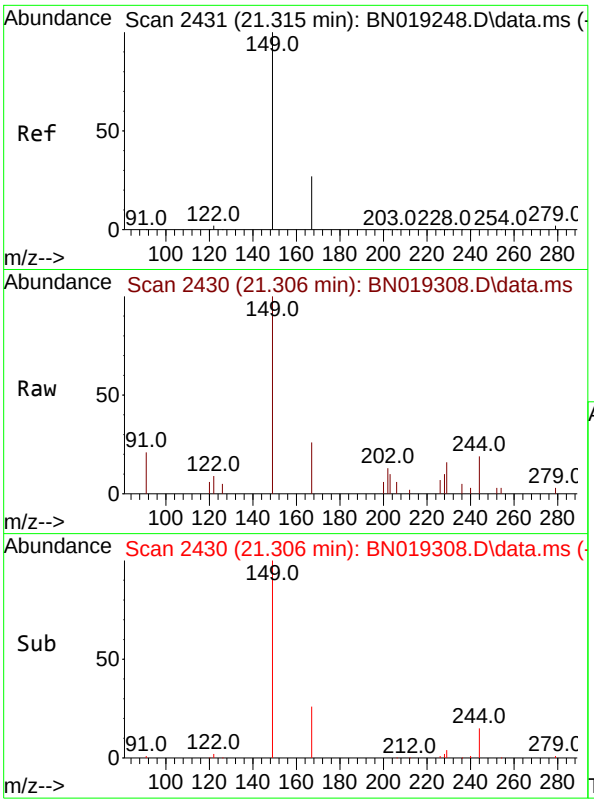


#33
Chrysene
Concen: 6.369 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:228 Resp: 106018

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	22.3	15.9	23.9



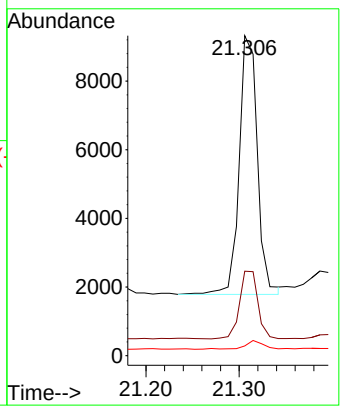


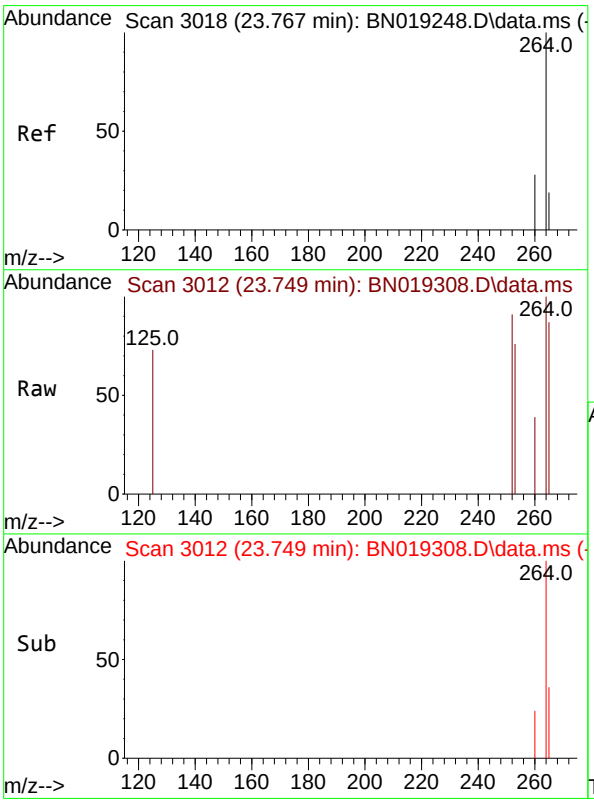
#34
Bis(2-ethylhexyl)phthalate
Concen: 1.174 ng
RT: 21.306 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:149 Resp: 10220

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.8
279	3.1	2.0	3.0#

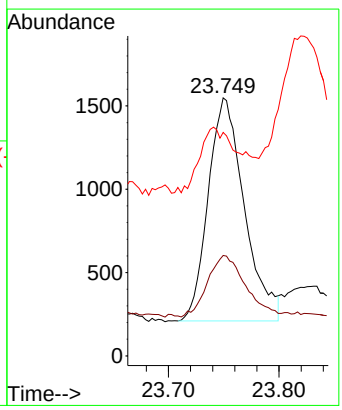


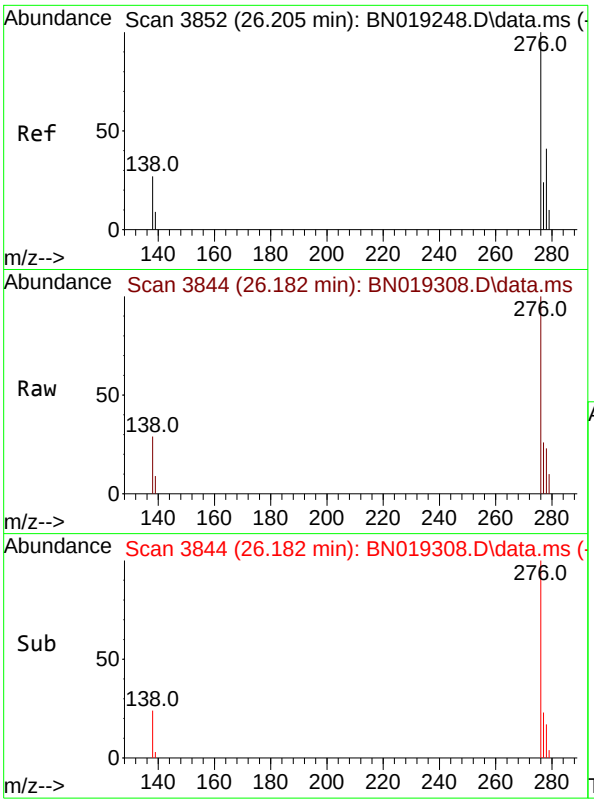


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.749 min Scan# 3012
Delta R.T. -0.018 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:264 Resp: 3036

Ion	Ratio	Lower	Upper
264	100		
260	39.0	22.4	33.6#
265	86.6	25.3	37.9#



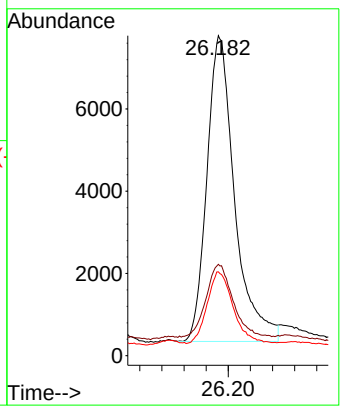


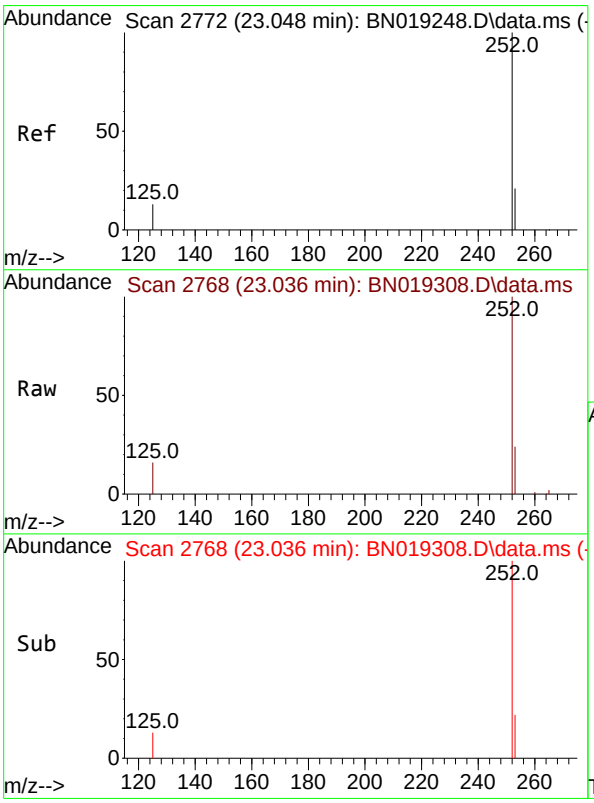
#36
Indeno(1,2,3-cd)pyrene
Concen: 2.087 ng
RT: 26.182 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:276 Resp: 25891

Ion	Ratio	Lower	Upper
276	100		
138	23.3	24.5	36.7#
277	21.9	19.8	29.8

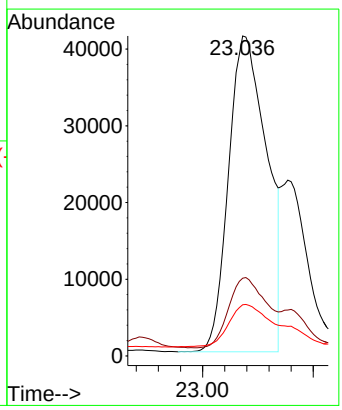


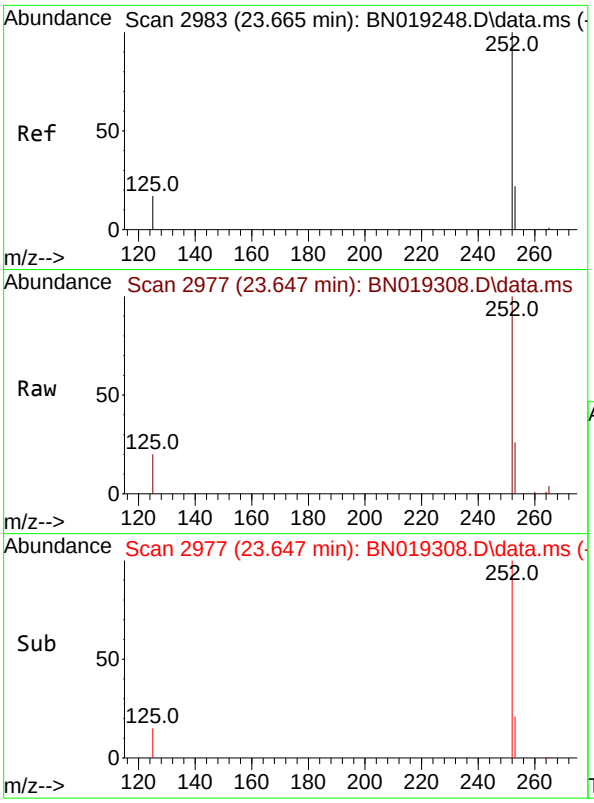


#37
Benzo(b)fluoranthene
Concen: 8.765 ng
RT: 23.036 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:252 Resp: 98854

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	16.0	12.1	18.1



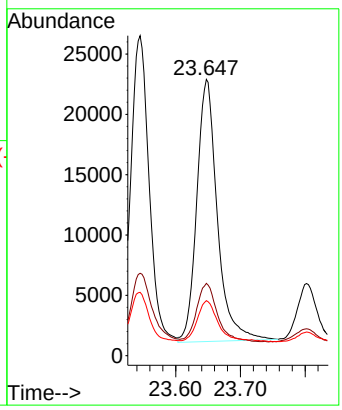


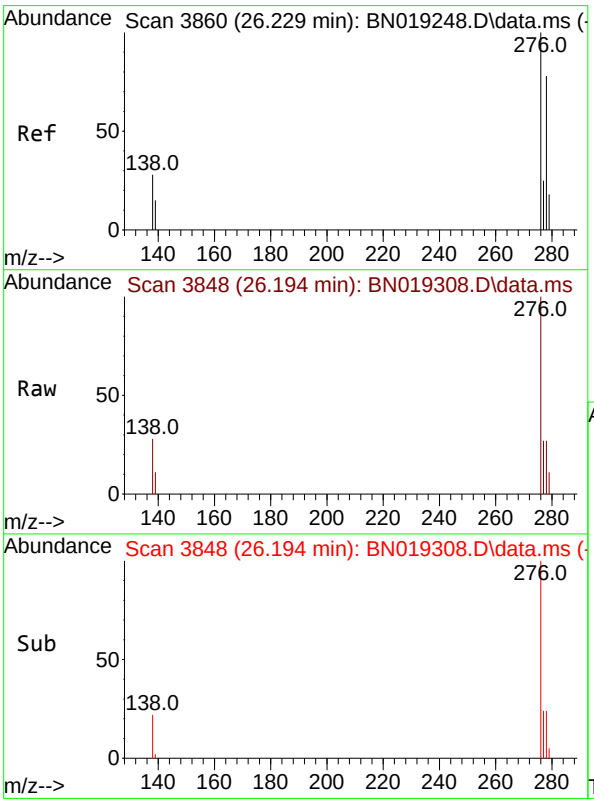
#39
Benzo(a)pyrene
Concen: 4.663 ng
RT: 23.647 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:252 Resp: 47780

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.1	30.1
125	19.9	15.2	22.8

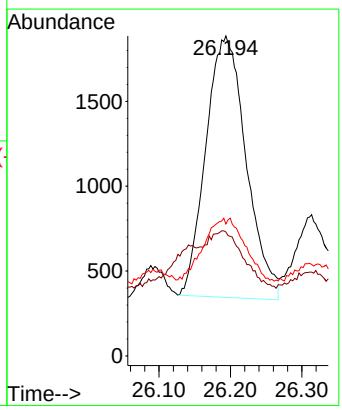


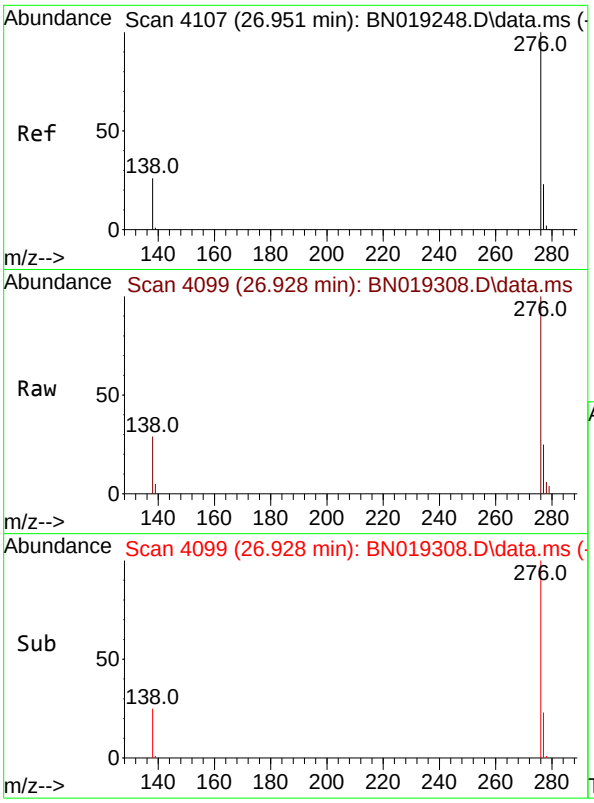


#40
Dibenzo(a,h)anthracene
Concen: 0.668 ng
RT: 26.194 min Scan# 3848
Delta R.T. -0.035 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Tgt Ion:278 Resp: 6049

Ion	Ratio	Lower	Upper
278	100		
139	38.8	17.2	25.8#
279	41.3	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 2.274 ng
RT: 26.928 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN019308.D
Acq: 02 Apr 2022 04:41

Instrument :
BNA_N
ClientSampleId :
A11015

Tgt Ion:276 Resp: 28784

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.0
138	28.8	21.0	31.6