Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101273.D
Acq On : 9 Apr 2021 16:45
Operator : CG/JU
Sample : M1966-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 10 05:08:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	620	0.40	ng	# 0.01
7) Naphthalene-d8	10.614	136	3886	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	4398	0.40	ng	0.01
19) Phenanthrene-d10	17.211	188	17862	0.40	ng	# 0.00
29) Chrysene-d12	21.365	240	34922	0.40	ng	# 0.01
36) Perylene-d12	23.845	264	29459	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	259	0.18	ng	-0.01
5) Phenol-d6	7.013	99	156	0.07	ng	0.02
8) Nitrobenzene-d5	8.977	82	529	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	1132	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	230	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	1788	0.11	ng	0.00
27) Fluoranthene-d10	19.221	212	52054	0.17	ng	0.00
31) Terphenyl-d14	19.819	244	12782	0.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	93	0.10	ng	# 1
9) Naphthalene	10.666	128	142955	3.38	ng	100
12) 2-Methylnaphthalene	12.267	142	583	0.08	ng	# 83
16) Acenaphthylene	14.169	152	1964	0.11	ng	# 84
17) Acenaphthene	14.515	154	2242	0.17	ng	98
18) Fluorene	15.502	166	4423	0.26	ng	99
20) 4,6-Dinitro-2-methylph...	15.593	198	18	0.07	ng	# 1
25) Phenanthrene	17.241	178	19191	0.36	ng	# 96
26) Anthracene	17.332	178	21733	0.48	ng	# 84
28) Fluoranthene	19.250	202	23302	0.34	ng	99
30) Pyrene	19.612	202	20817	0.16	ng	97
32) Benzo(a)anthracene	21.341	228	12314	0.13	ng	# 89
33) Chrysene	21.402	228	9846	0.08	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.281	149	15854	0.22	ng	99
35) Indeno(1,2,3-cd)pyrene	26.459	276	5053	0.06	ng	96
37) Benzo(b)fluoranthene	23.085	252	9789	0.10	ng	# 79
38) Benzo(k)fluoranthene	23.132	252	7410	0.07	ng	# 74
39) Benzo(a)pyrene	23.730	252	6689	0.08	ng	# 70
40) Dibenzo(a,h)anthracene	26.488	278	3620	0.05	ng	# 56
41) Benzo(g,h,i)perylene	27.265	276	4650	0.05	ng	# 73

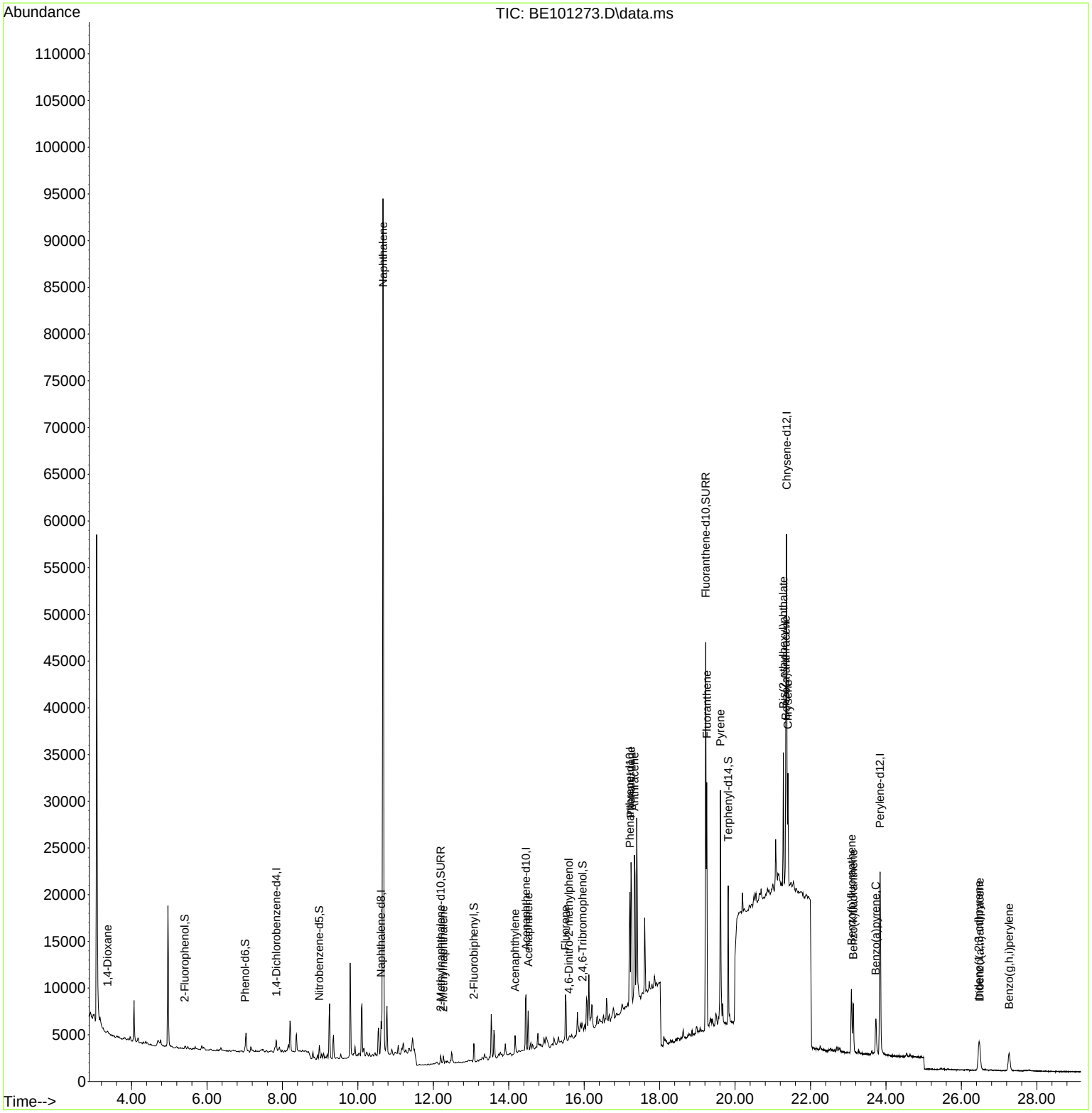
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

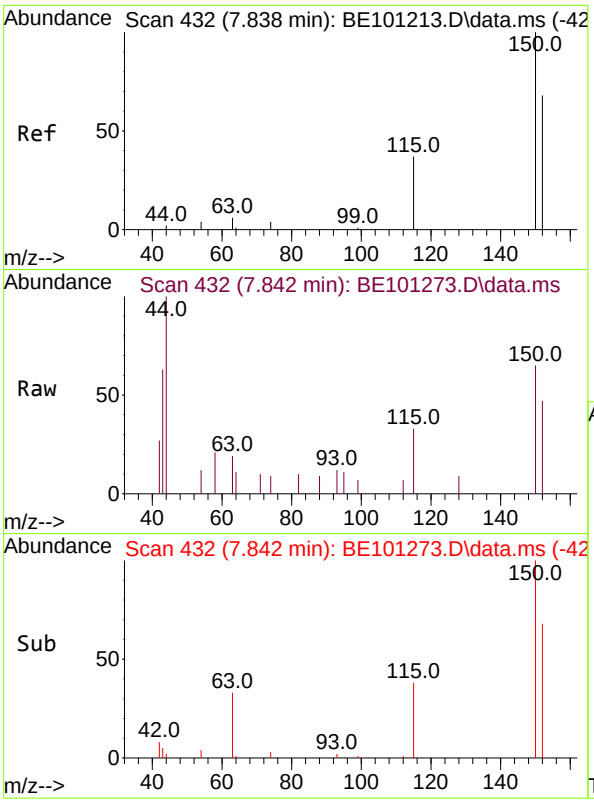
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101273.D
Acq On : 9 Apr 2021 16:45
Operator : CG/JU
Sample : M1966-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 10 05:08:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration



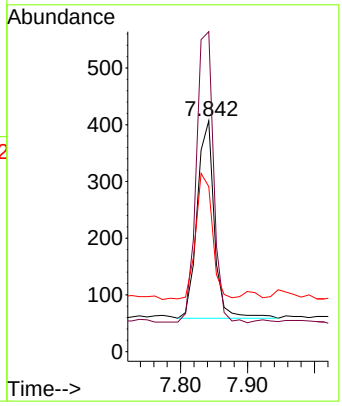
Instrument :
BNA_G
ClientSampleId :

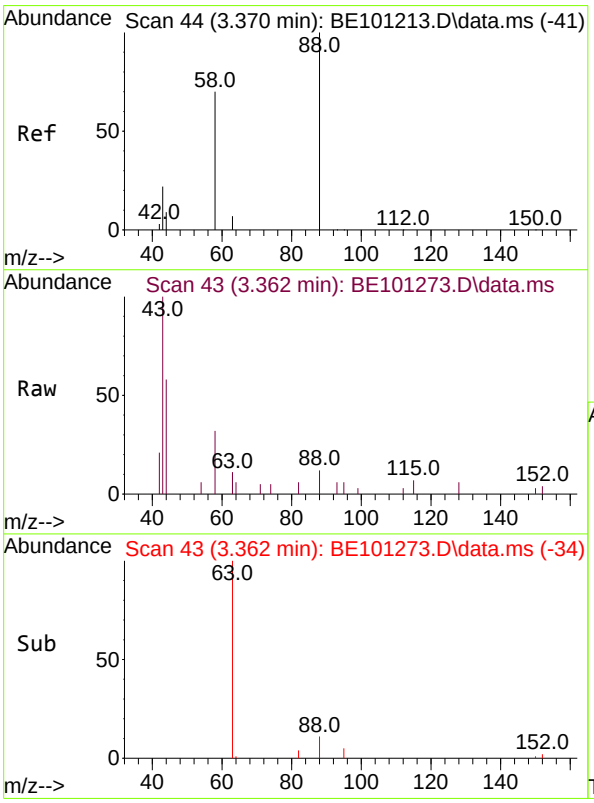


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.842 min Scan# 432
Delta R.T. 0.012 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:152 Resp: 620

Ion	Ratio	Lower	Upper
152	100		
150	138.6	116.9	175.3
115	71.5	44.5	66.7#

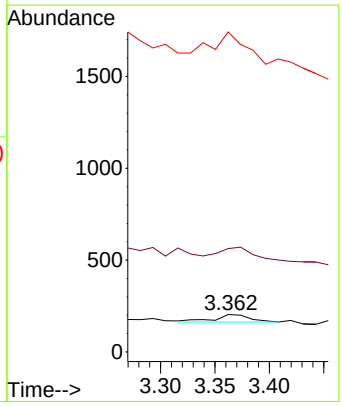




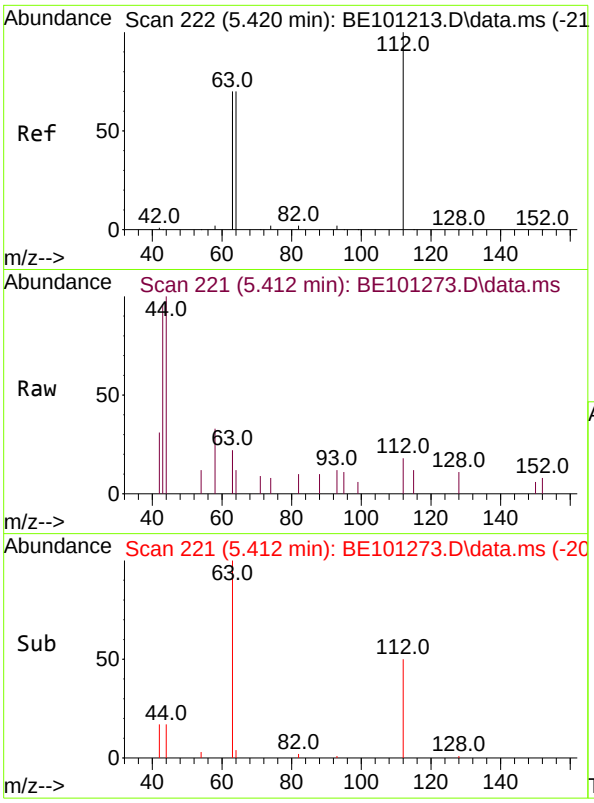
#2
1,4-Dioxane
Concen: 0.10 ng
RT: 3.362 min Scan# 43
Delta R.T. 0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion: 88 Resp: 93

Ion	Ratio	Lower	Upper
88	100		
58	188.2	73.6	110.4#
43	375.3	27.6	41.4#



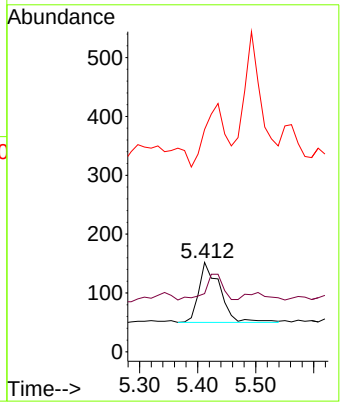
Instrument :
BNA_G
ClientSampleId :

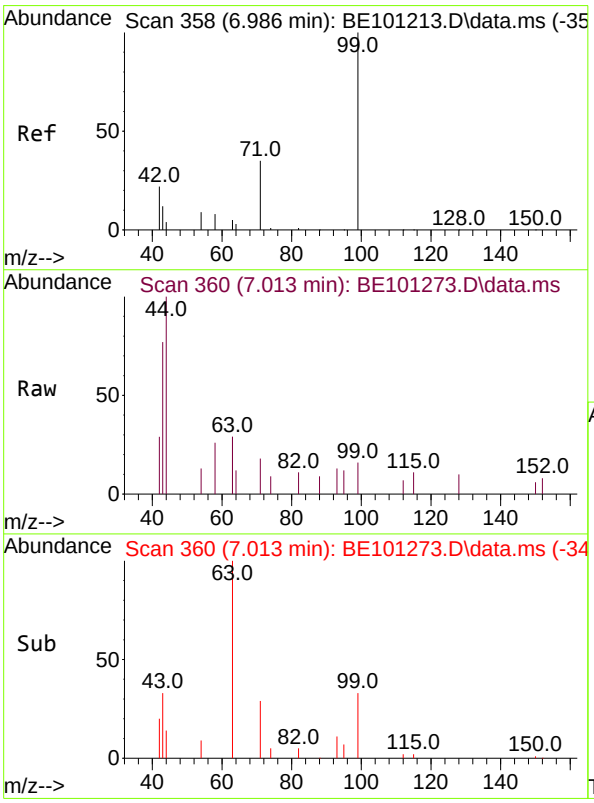


#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.412 min Scan# 221
Delta R.T. -0.011 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:112 Resp: 259

Ion	Ratio	Lower	Upper
112	100		
64	0.0	62.3	93.5#
63	0.0	117.3	175.9#

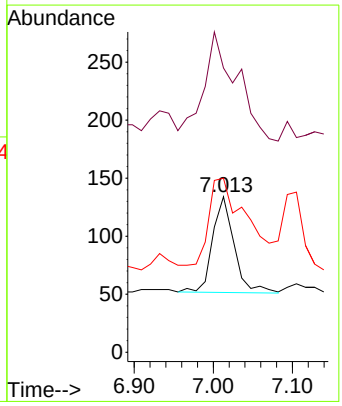




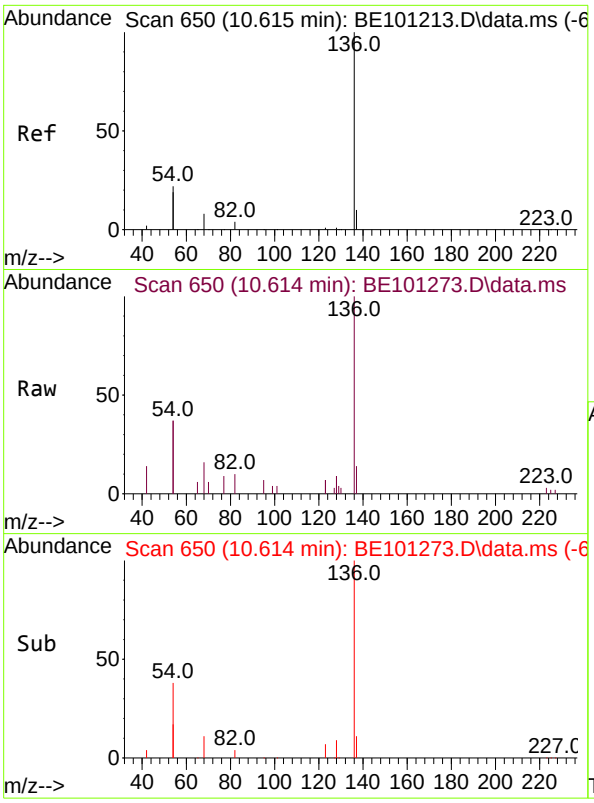
#5
Phenol-d6
Concen: 0.07 ng
RT: 7.013 min Scan# 360
Delta R.T. 0.024 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion: 99 Resp: 156

Ion	Ratio	Lower	Upper
99	100		
42	176.3	18.5	27.7#
71	161.5	26.5	39.7#



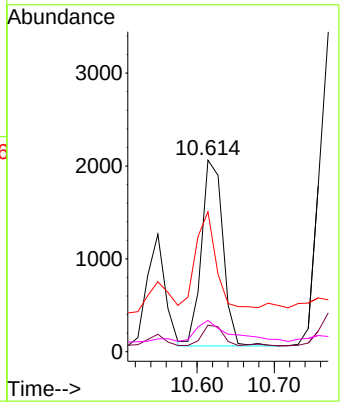
Instrument :
BNA_G
ClientSampleId :

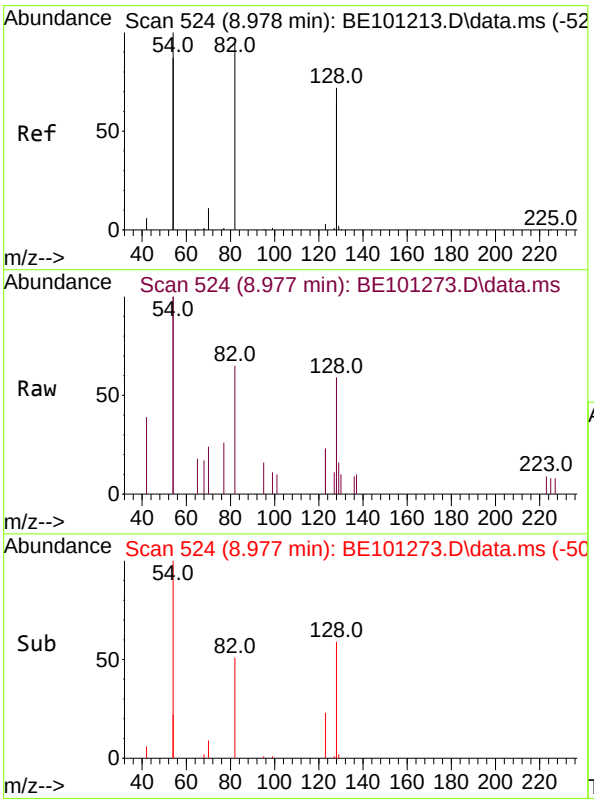


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:136 Resp: 3886

Ion	Ratio	Lower	Upper
136	100		
137	13.9	8.6	13.0#
54	73.0	34.7	52.1#
68	16.3	7.0	10.4#

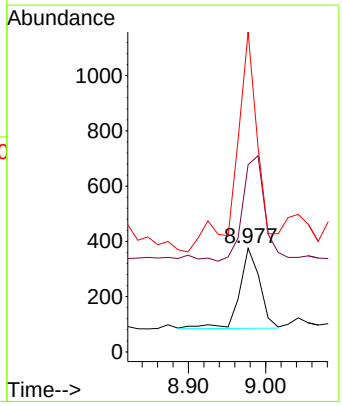


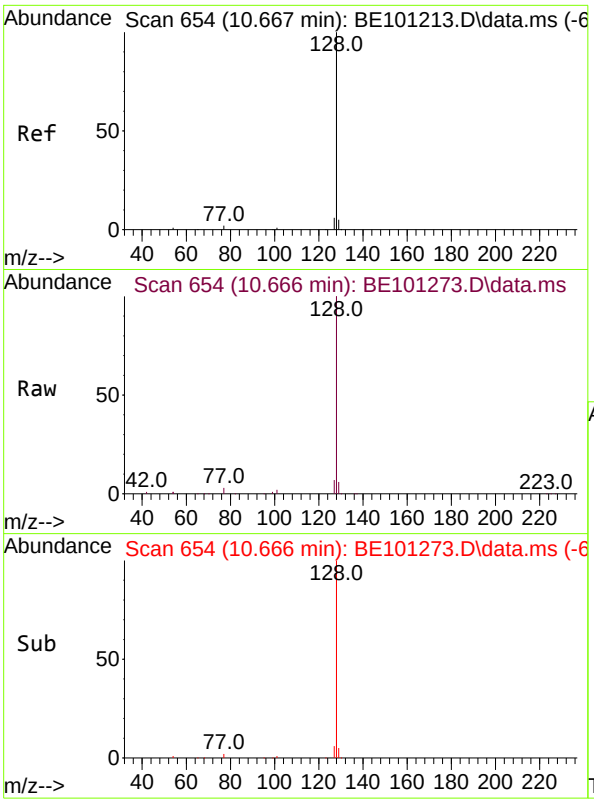


#8
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion: 82 Resp: 529

Ion	Ratio	Lower	Upper
82	100		
128	180.8	118.7	178.1#
54	308.8	164.4	246.6#

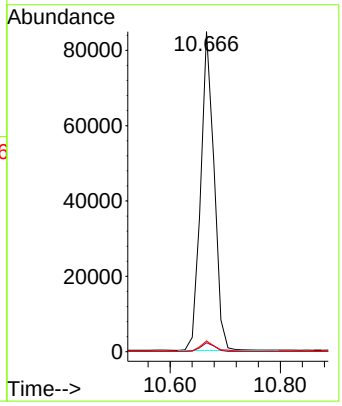




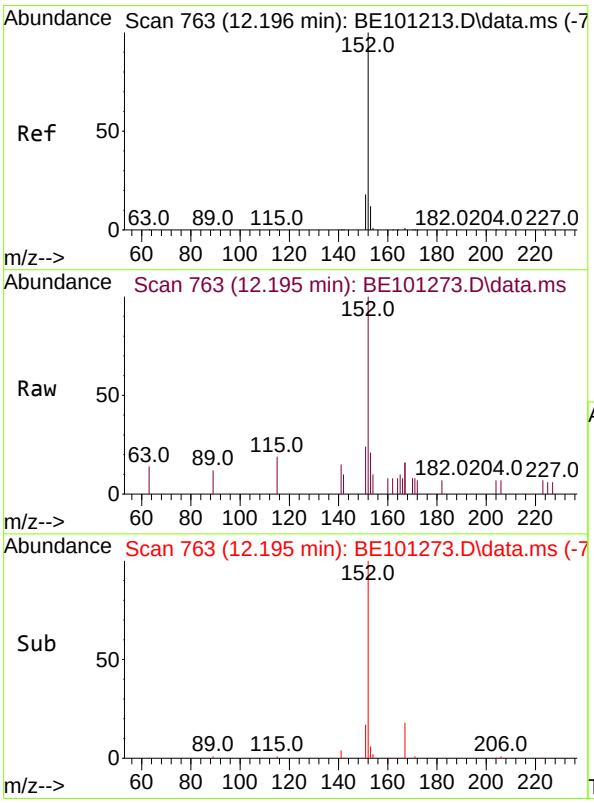
#9
Naphthalene
Concen: 3.38 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.000 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:128 Resp: 142955

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.6	3.8



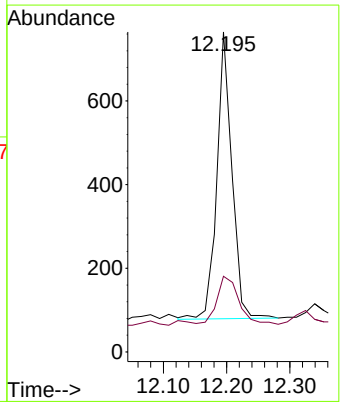
Instrument :
BNA_G
ClientSampleId :



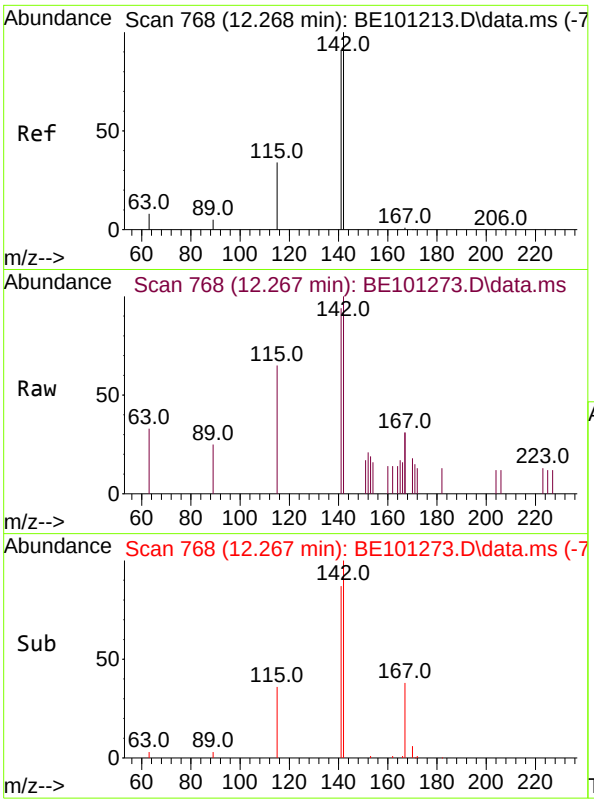
#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:152 Resp: 1132

Ion	Ratio	Lower	Upper
152	100		
151	24.2	16.5	24.7



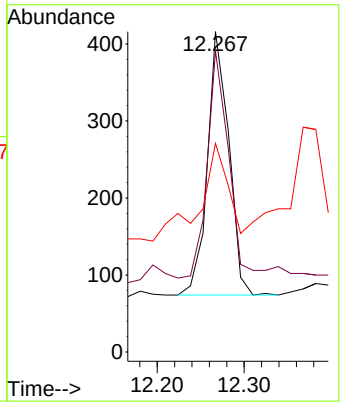
Instrument :
BNA_G
ClientSampleId :

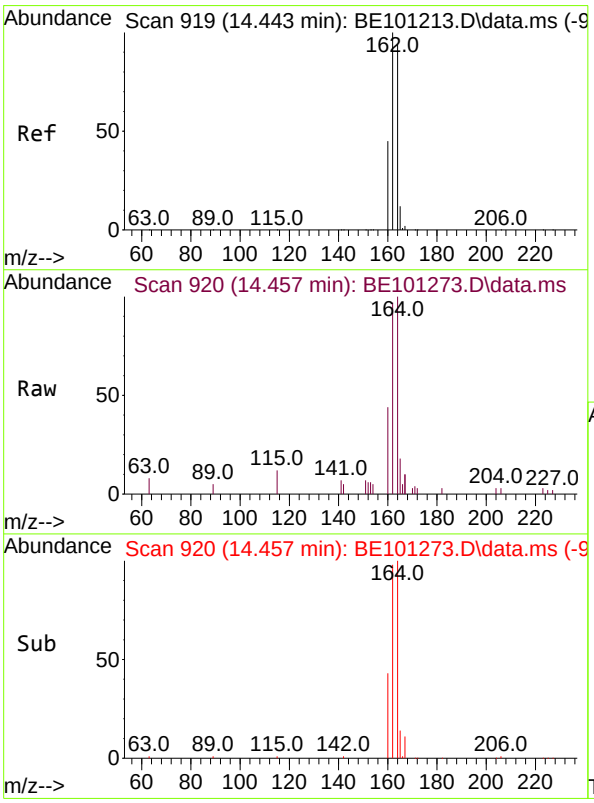


#12
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:142 Resp: 583

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.0	109.6
115	65.1	27.8	41.8#

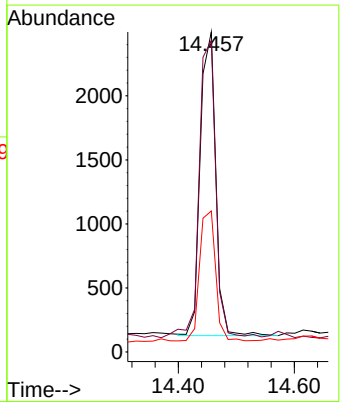




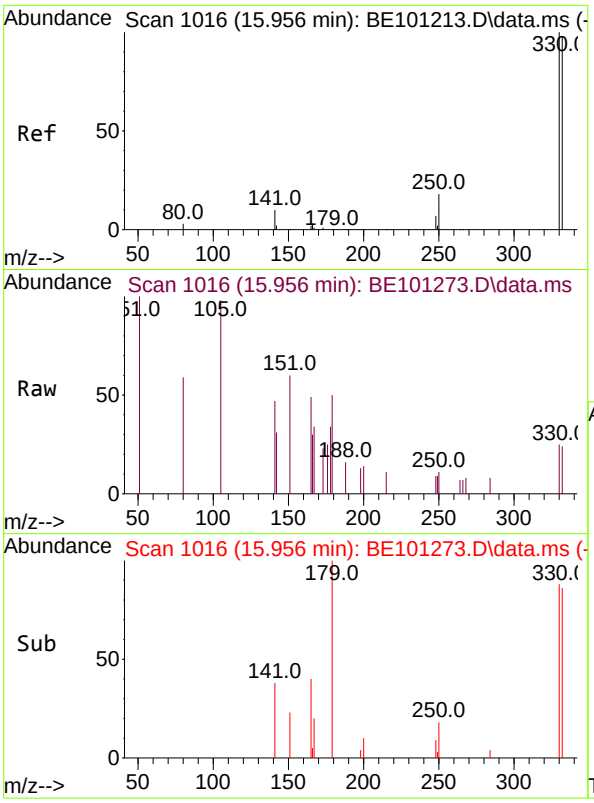
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. 0.013 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:164 Resp: 4398

Ion	Ratio	Lower	Upper
164	100		
162	97.4	85.3	127.9
160	44.1	39.1	58.7



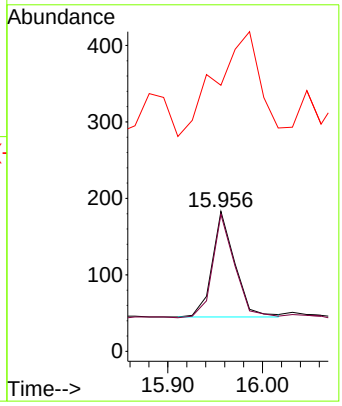
Instrument :
BNA_G
ClientSampleId :

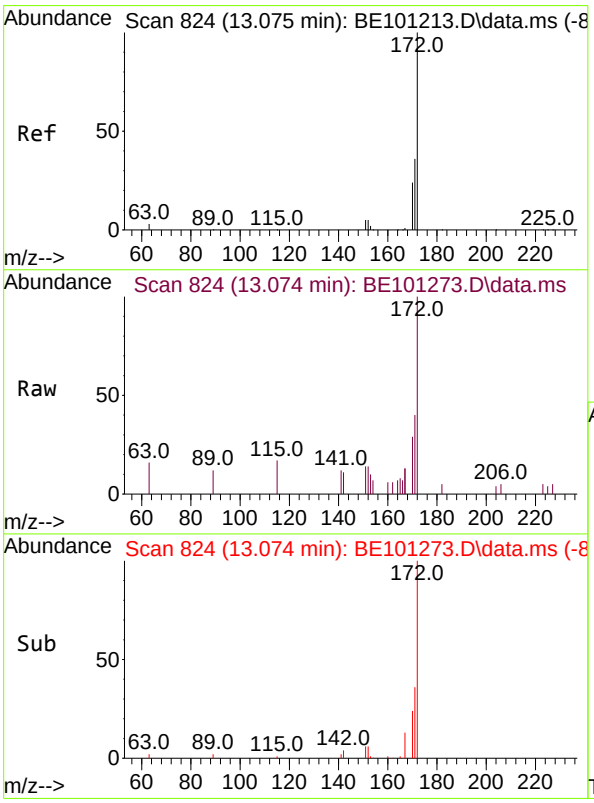


#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:330 Resp: 230

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	0.0	30.4	45.6#

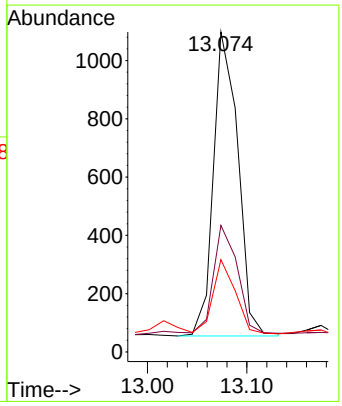




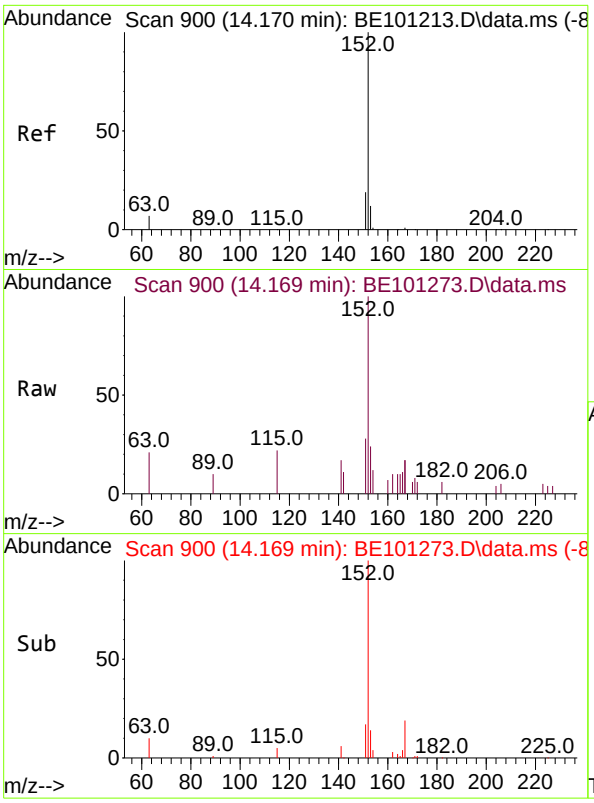
#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:172 Resp: 1788

Ion	Ratio	Lower	Upper
172	100		
171	39.5	28.7	43.1
170	28.9	19.3	28.9



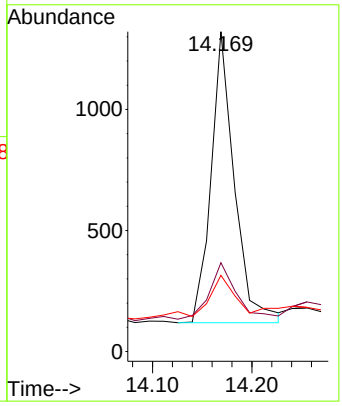
Instrument :
BNA_G
ClientSampleId :

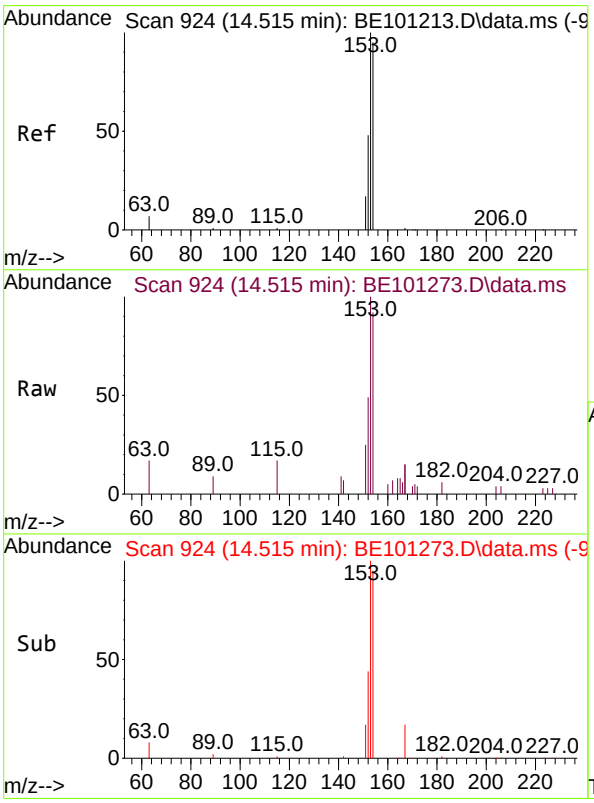


#16
Acenaphthylene
Concen: 0.11 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:152 Resp: 1964

Ion	Ratio	Lower	Upper
152	100		
151	25.5	15.4	23.2#
153	20.6	10.0	15.0#

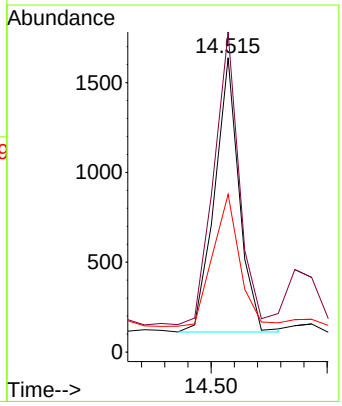




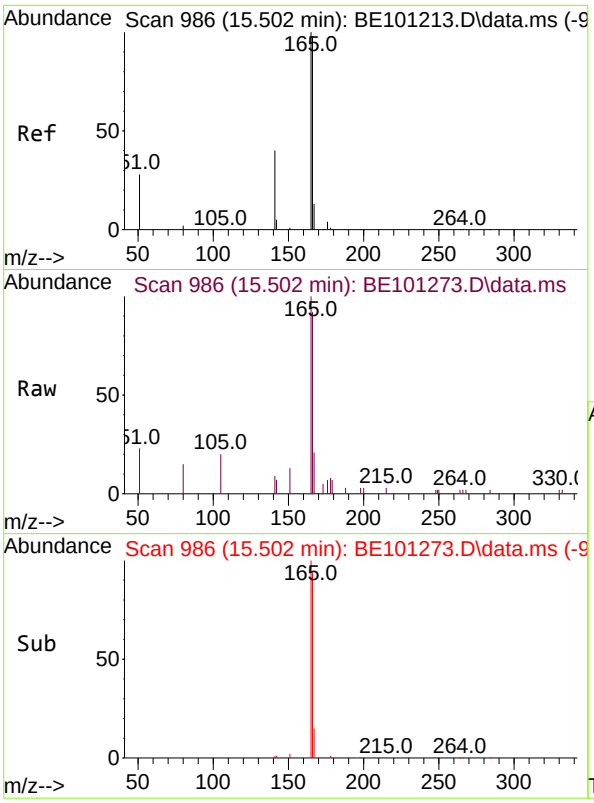
#17
Acenaphthene
Concen: 0.17 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:154 Resp: 2242

Ion	Ratio	Lower	Upper
154	100		
153	109.1	84.9	127.3
152	53.0	42.7	64.1



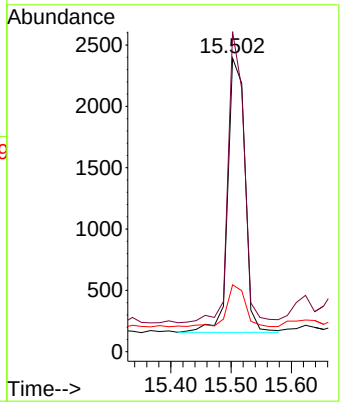
Instrument :
BNA_G
ClientSampleId :

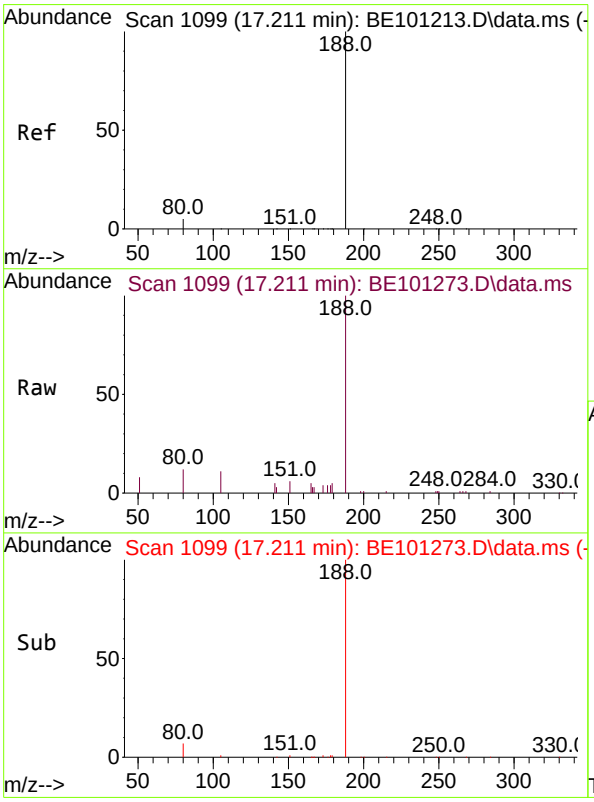


#18
Fluorene
Concen: 0.26 ng
RT: 15.502 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:166 Resp: 4423

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	16.4	11.0	16.4

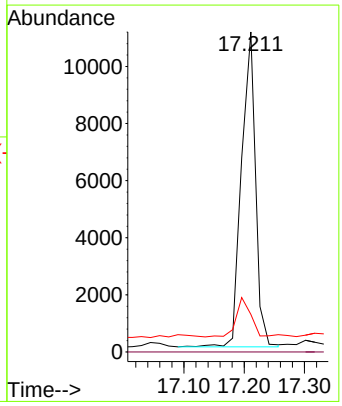


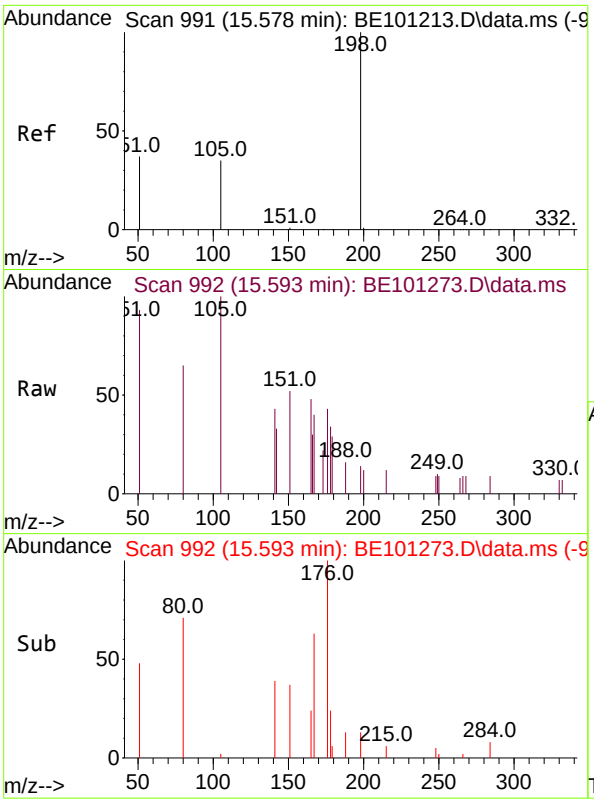


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. 0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:188 Resp: 17862

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	4.6	6.8#

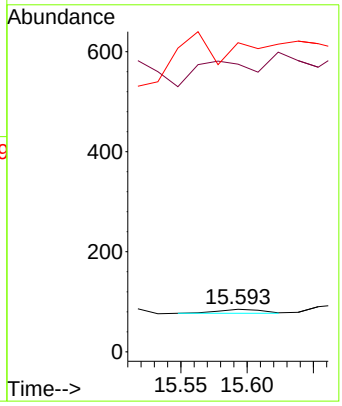




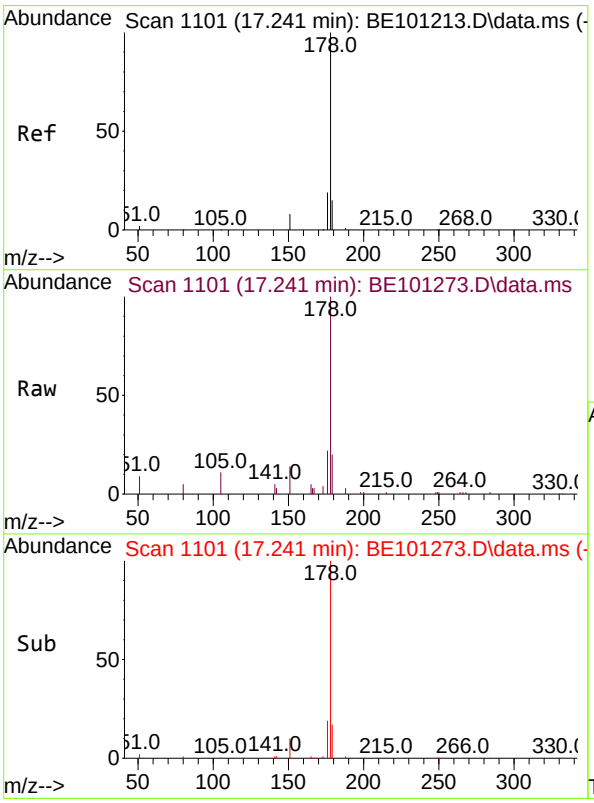
#20
4,6-Dinitro-2-methylphenol
Concen: 0.07 ng
RT: 15.593 min Scan# 992
Delta R.T. 0.016 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:198 Resp: 18

Ion	Ratio	Lower	Upper
198	100		
51	676.5	55.9	83.9#
105	727.1	33.6	50.4#



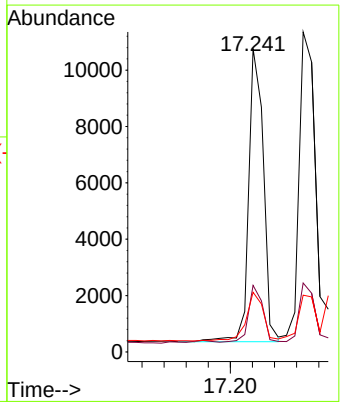
Instrument :
BNA_G
ClientSampleId :



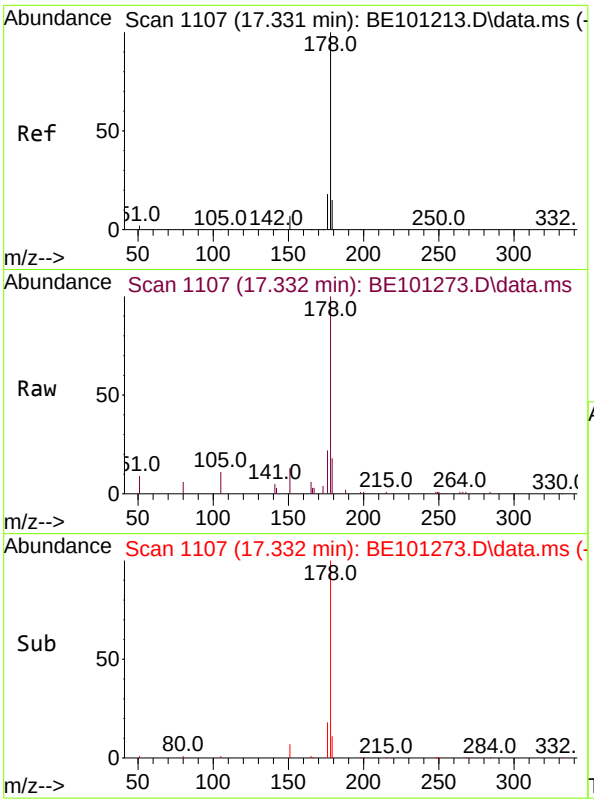
#25
Phenanthrene
Concen: 0.36 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:178 Resp: 19191

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	19.3	12.2	18.4#



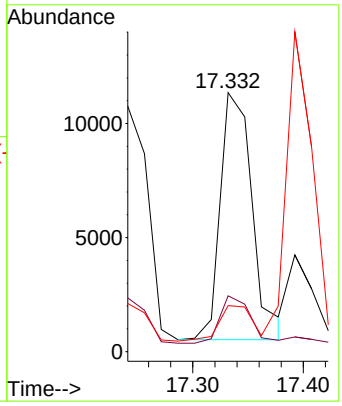
Instrument :
BNA_G
ClientSampleId :

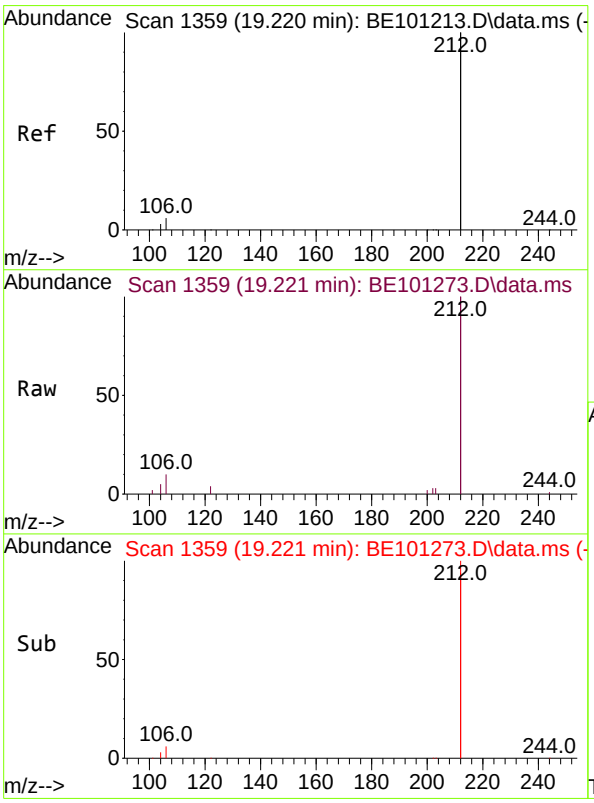


#26
Anthracene
Concen: 0.48 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:178 Resp: 21733

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	0.0	11.8	17.8#

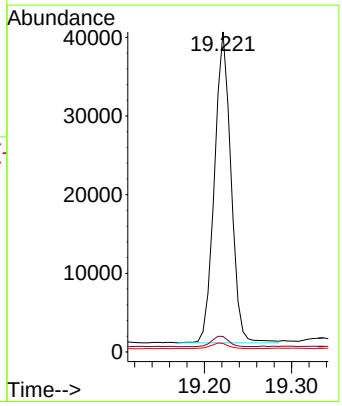


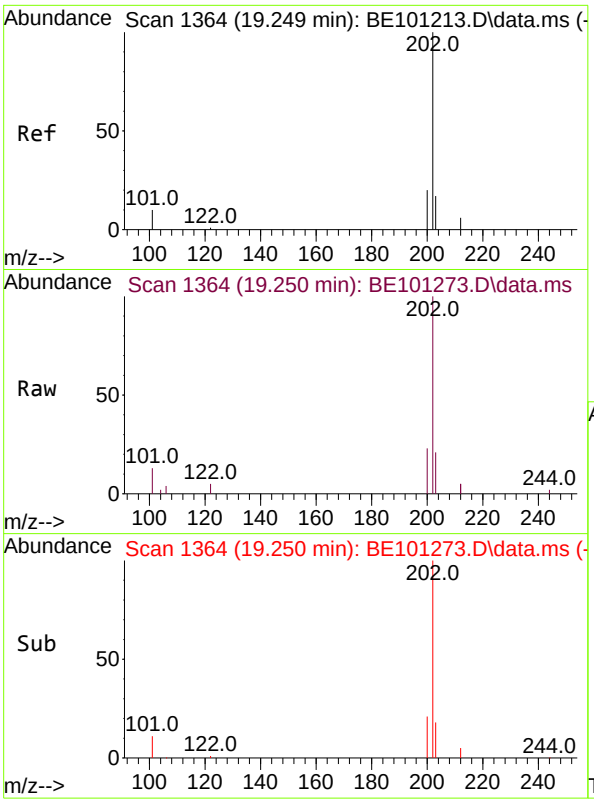


#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.221 min Scan# 1359
Delta R.T. 0.007 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:212 Resp: 52054

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.9	1.4	2.2

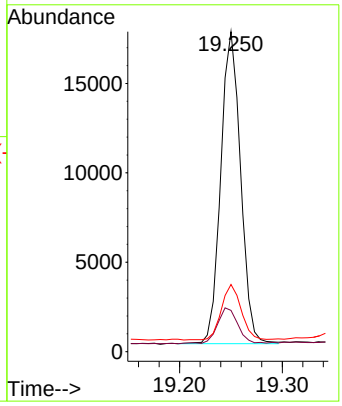




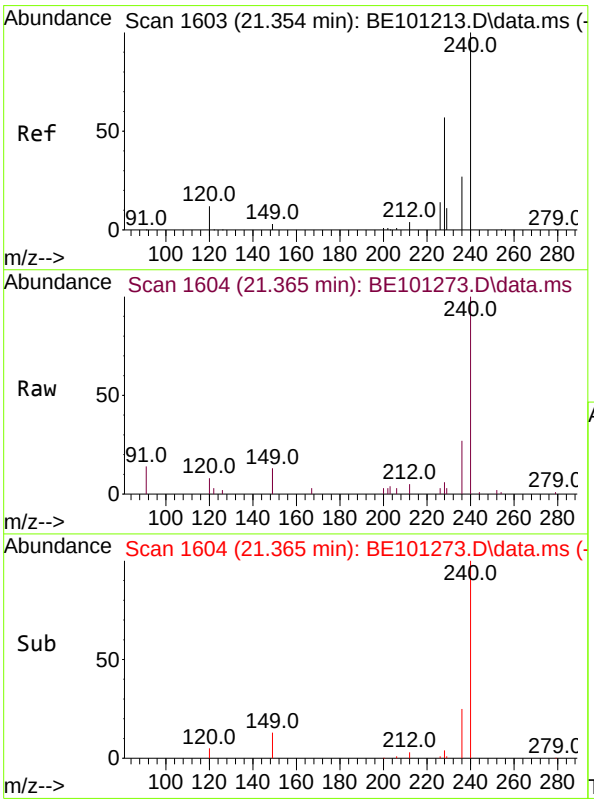
#28
Fluoranthene
Concen: 0.34 ng
RT: 19.250 min Scan# 1364
Delta R.T. 0.007 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:202 Resp: 23302

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.1	13.7
203	17.6	13.6	20.4



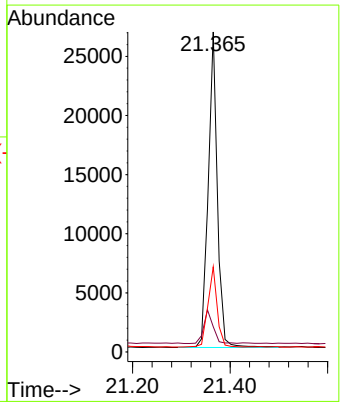
Instrument :
BNA_G
ClientSampleId :

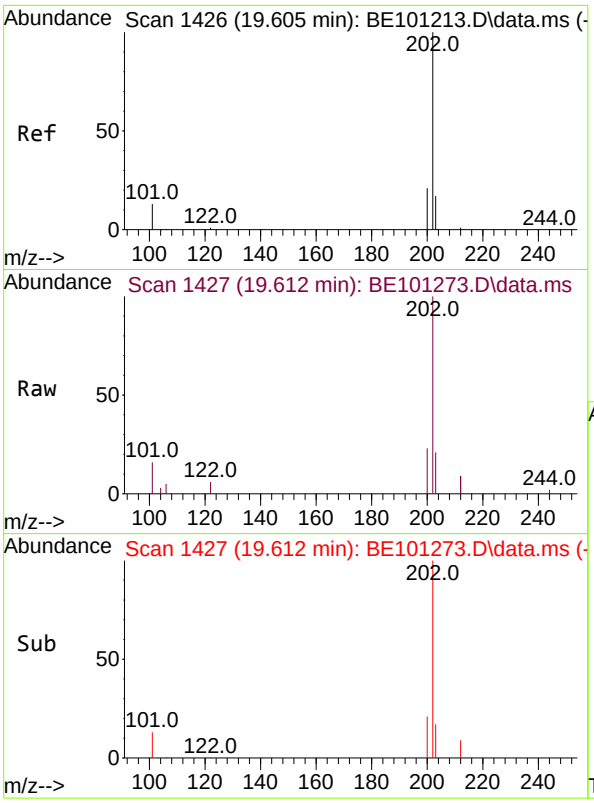


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. 0.011 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:240 Resp: 34922

Ion	Ratio	Lower	Upper
240	100		
120	7.9	10.2	15.4#
236	26.6	21.7	32.5

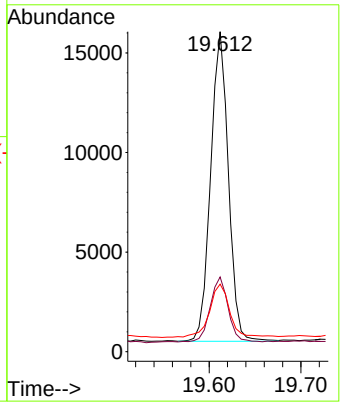




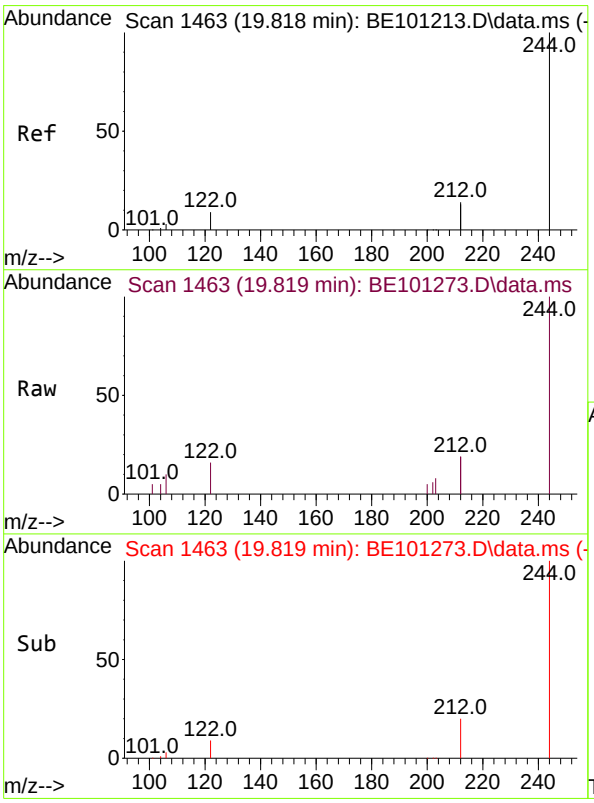
#30
Pyrene
Concen: 0.16 ng
RT: 19.612 min Scan# 1427
Delta R.T. 0.007 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:202 Resp: 20817

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	19.7	13.8	20.8



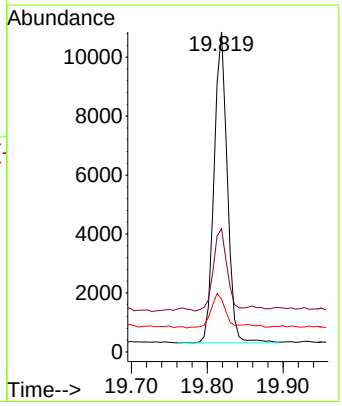
Instrument :
BNA_G
ClientSampleId :



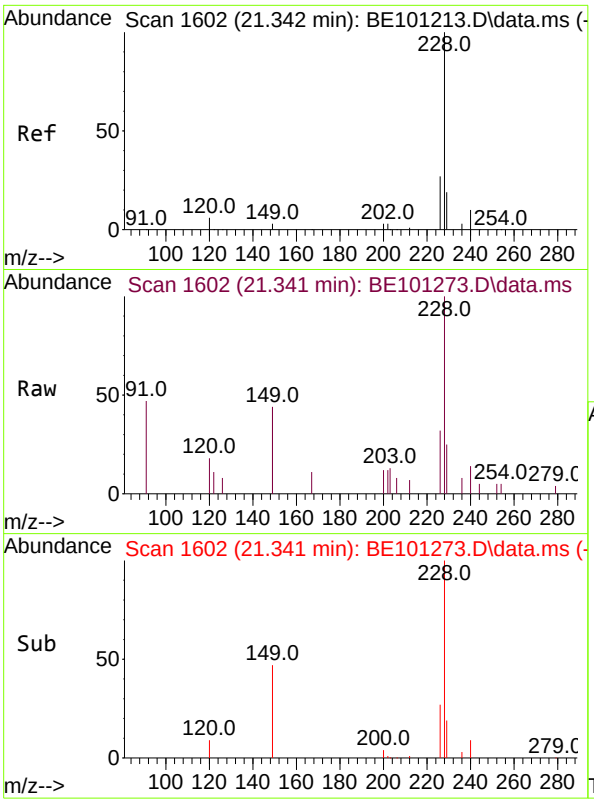
#31
Terphenyl-d14
Concen: 0.14 ng
RT: 19.819 min Scan# 1463
Delta R.T. 0.007 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:244 Resp: 12782

Ion	Ratio	Lower	Upper
244	100		
212	38.6	21.9	32.9#
122	16.5	7.3	10.9#



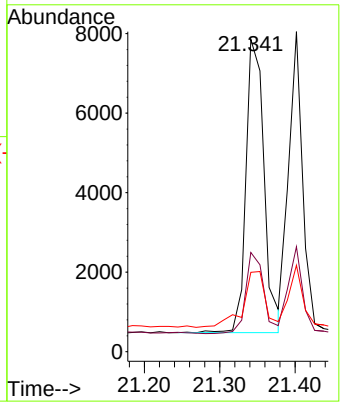
Instrument :
BNA_G
ClientSampleId :

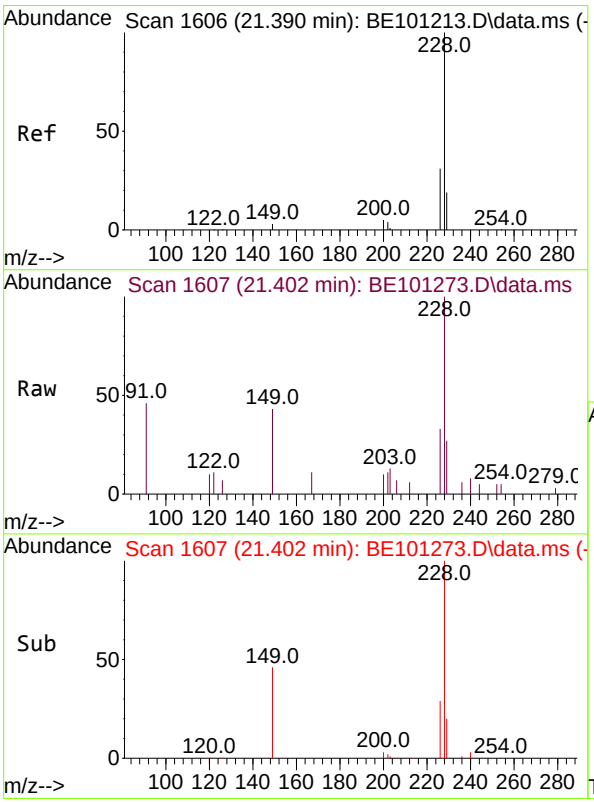


#32
Benzo(a)anthracene
Concen: 0.13 ng
RT: 21.341 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:228 Resp: 12314

Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.4	32.2
229	25.4	15.7	23.5#

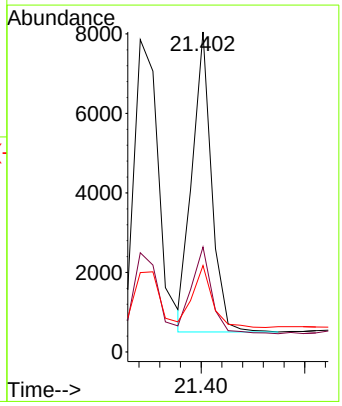




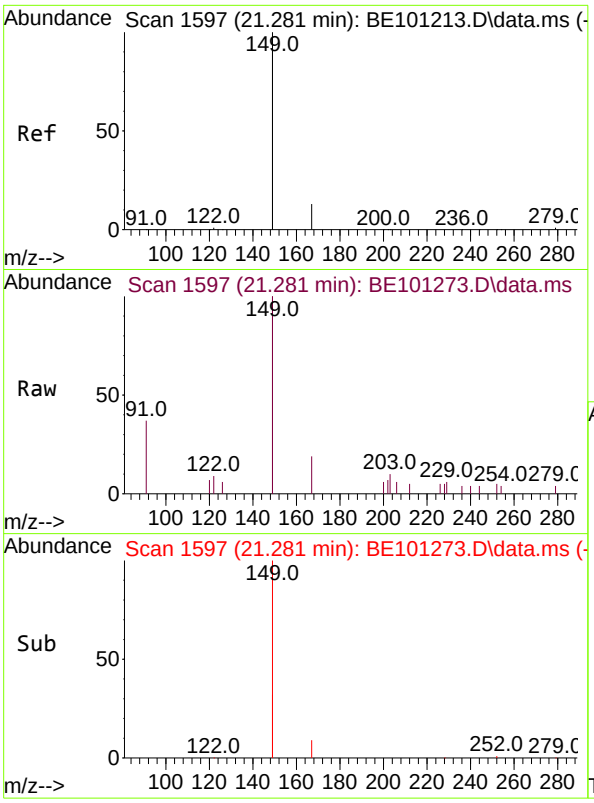
#33
Chrysene
Concen: 0.08 ng
RT: 21.402 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:228 Resp: 9846

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.8	37.2
229	27.0	15.2	22.8#



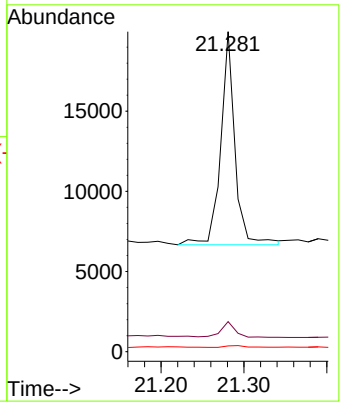
Instrument :
BNA_G
ClientSampleId :

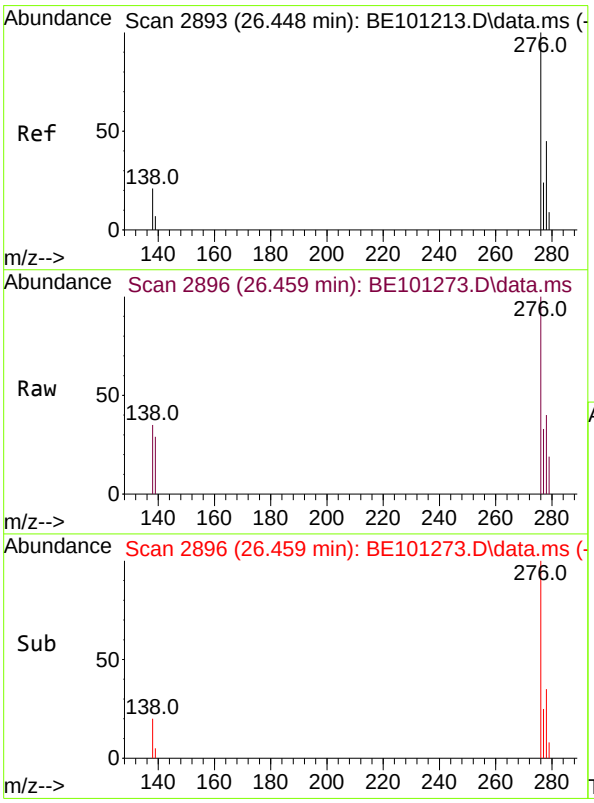


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.281 min Scan# 1597
Delta R.T. -0.001 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:149 Resp: 15854

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.5	8.3
279	1.1	1.0	1.4

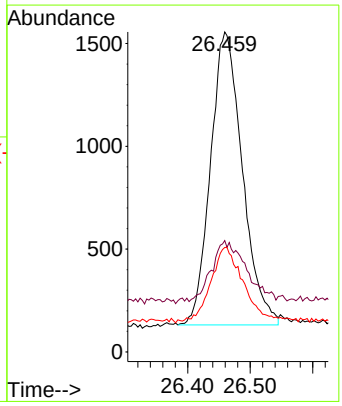


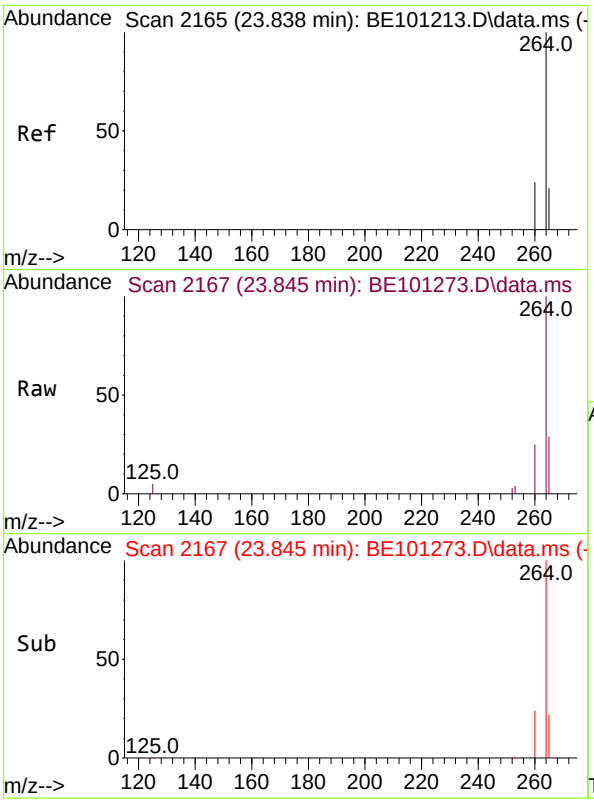


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 26.459 min Scan# 2896
Delta R.T. 0.015 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:276 Resp: 5053

Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.4	26.0
277	27.4	19.8	29.8

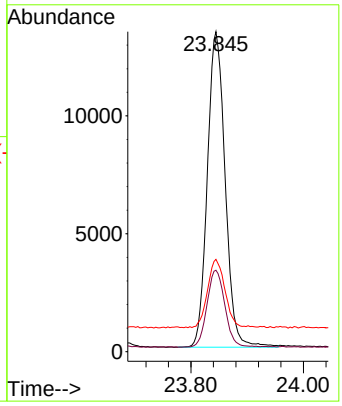




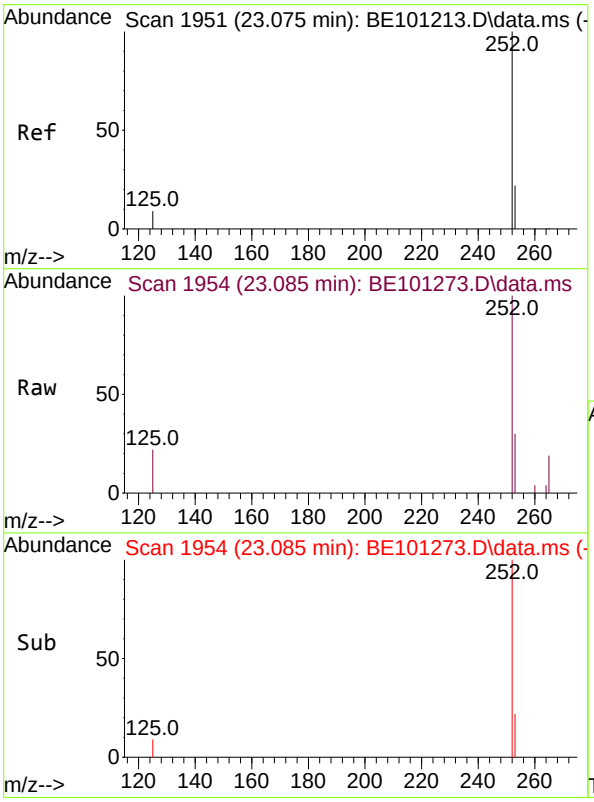
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.845 min Scan# 2167
Delta R.T. 0.010 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:264 Resp: 29459

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	28.8	22.4	33.6



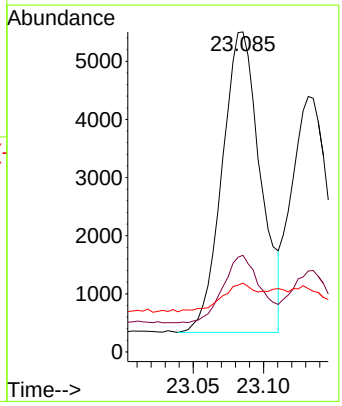
Instrument :
BNA_G
ClientSampleId :

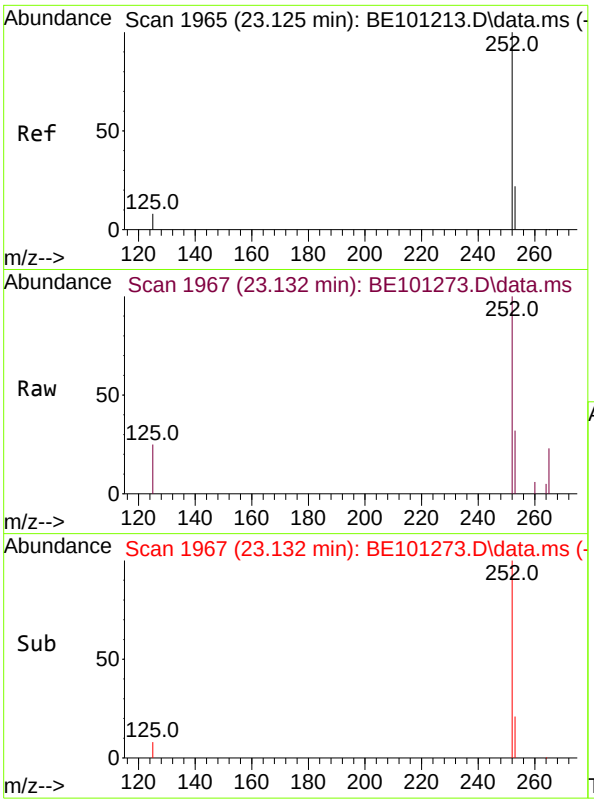


#37
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 23.085 min Scan# 1954
Delta R.T. 0.010 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:252 Resp: 9789

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.1	27.1#
125	21.5	7.6	11.4#

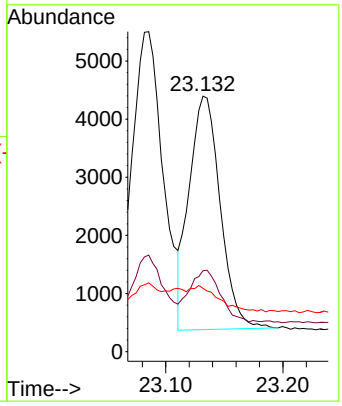




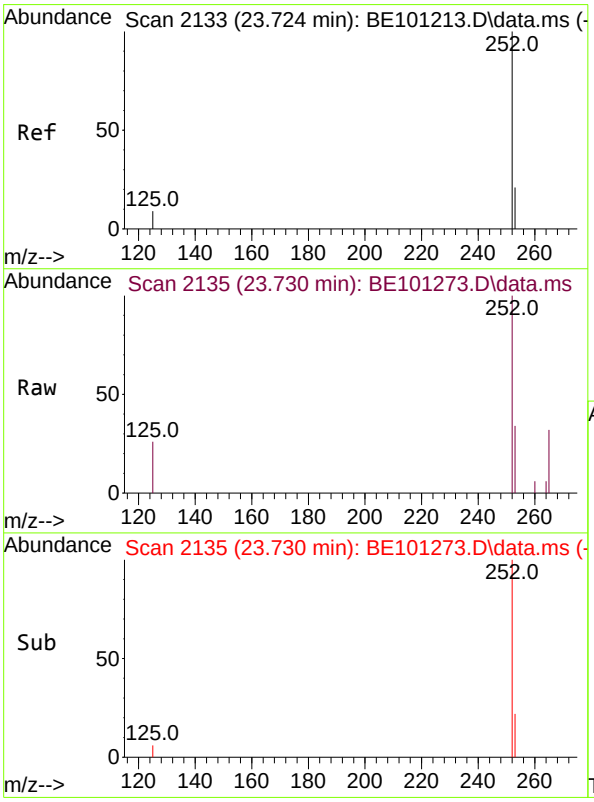
#38
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 23.132 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:252 Resp: 7410

Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.8	26.6#
125	24.8	7.6	11.4#



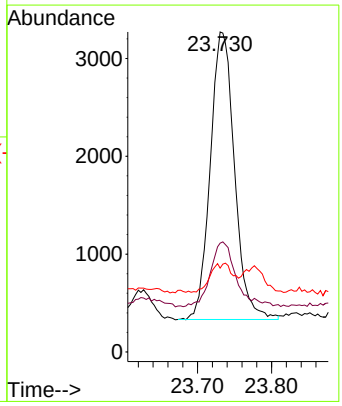
Instrument :
BNA_G
ClientSampleId :



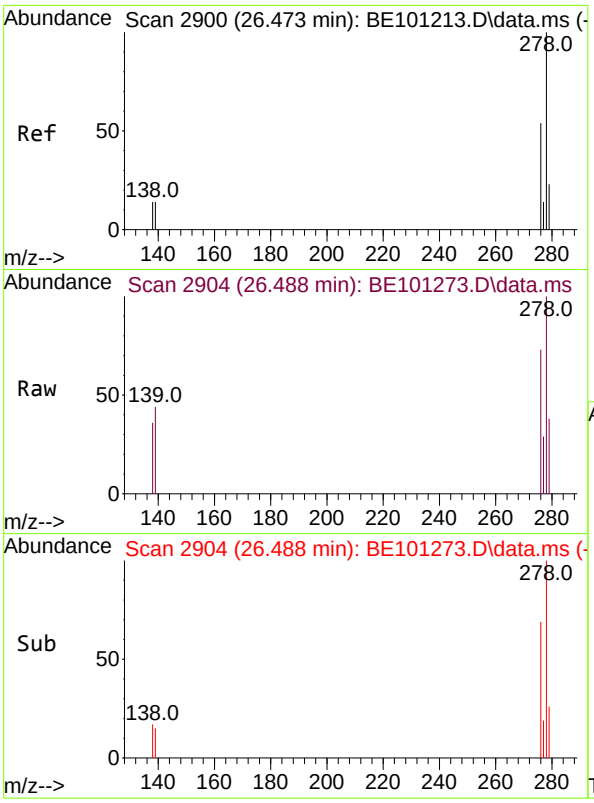
#39
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.730 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:252 Resp: 6689

Ion	Ratio	Lower	Upper
252	100		
253	34.0	18.0	27.0#
125	26.2	8.0	12.0#



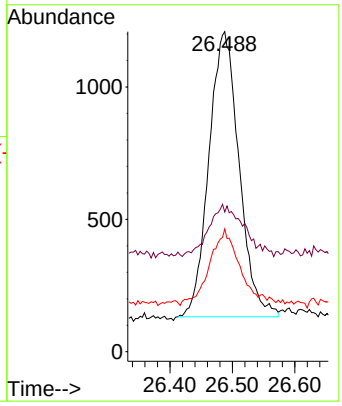
Instrument :
BNA_G
ClientSampleId :

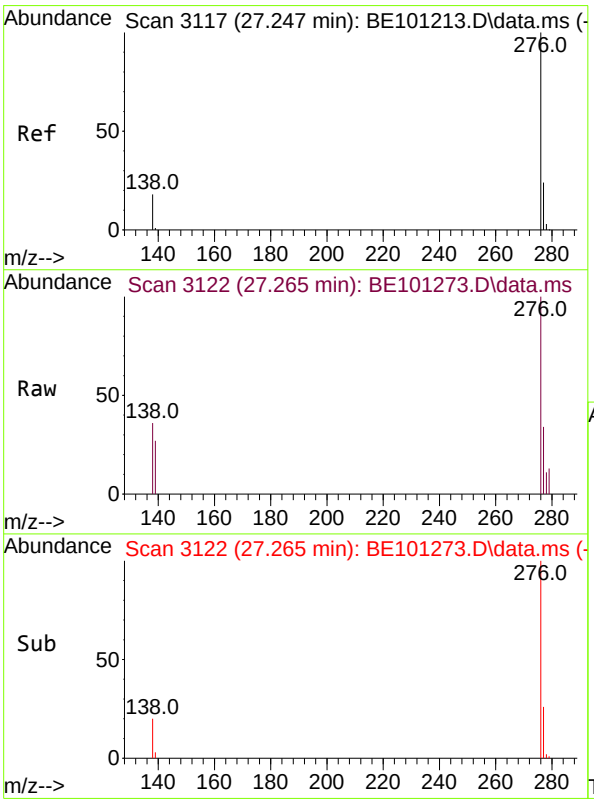


#40
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 26.488 min Scan# 2904
Delta R.T. 0.015 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:278 Resp: 3620

Ion	Ratio	Lower	Upper
278	100		
139	43.7	12.2	18.2#
279	38.4	19.3	28.9#





#41
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 27.265 min Scan# 3122
Delta R.T. 0.022 min
Lab File: BE101273.D
Acq: 9 Apr 2021 16:45

Tgt Ion:276 Resp: 4650

Ion	Ratio	Lower	Upper
276	100		
277	33.8	19.4	29.0#
138	35.8	15.2	22.8#