Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101272.D
Acq On : 9 Apr 2021 16:06
Operator : CG/JU
Sample : M1966-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 10 05:07:50 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	7.829	152	3049	0.40	ng		# 0.00
7) Naphthalene-d8	10.614	136	16890	0.40	ng		# 0.00
13) Acenaphthene-d10	14.457	164	18520	0.40	ng		# 0.01
19) Phenanthrene-d10	17.212	188	34577	0.40	ng		# 0.00
29) Chrysene-d12	21.366	240	28878	0.40	ng		0.01
36) Perylene-d12	23.848	264	24276	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.434	112	2554	0.36	ng		0.01
5) Phenol-d6	7.011	99	2125	0.19	ng		0.02
8) Nitrobenzene-d5	8.977	82	5888	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	13583	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	2532	0.51	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	17442	0.26	ng		0.00
27) Fluoranthene-d10	19.243	212	164582	0.27	ng		0.03
31) Terphenyl-d14	19.823	244	44806	0.58	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	896	0.19	ng	#	1
3) n-Nitrosodimethylamine	3.671	42	1877	0.39	ng	#	45
6) bis(2-Chloroethyl)ether	7.253	93	4706	0.45	ng	#	66
9) Naphthalene	10.666	128	356273	1.94	ng		100
10) Hexachlorobutadiene	10.952	225	2114	0.26	ng		97
12) 2-Methylnaphthalene	12.267	142	17825	0.54	ng		97
16) Acenaphthylene	14.169	152	182422	2.53	ng		97
17) Acenaphthene	14.515	154	71843	1.33	ng		97
18) Fluorene	15.504	166	99225	1.37	ng		98
20) 4,6-Dinitro-2-methylph...	15.579	198	1830	0.53	ng	#	1
21) 4-Bromophenyl-phenylether	16.411	248	6823	0.40	ng	#	80
22) Hexachlorobenzene	16.517	284	5810	0.34	ng		97
23) Atrazine	16.713	200	6656	0.57	ng	#	71
24) Pentachlorophenol	16.864	266	3482	0.55	ng		96
25) Phenanthrene	17.242	178	314903	3.07	ng		99
26) Anthracene	17.333	178	85906	0.98	ng	#	93
28) Fluoranthene	19.278	202	145954	1.10	ng		99
30) Pyrene	19.622	202	120681	1.16	ng		97
32) Benzo(a)anthracene	21.354	228	42918	0.53	ng	#	93
33) Chrysene	21.402	228	39373	0.41	ng	#	95
34) Bis(2-ethylhexyl)phtha...	21.281	149	97787	1.66	ng		99
35) Indeno(1,2,3-cd)pyrene	26.463	276	33493	0.47	ng		99
37) Benzo(b)fluoranthene	23.086	252	32896	0.41	ng	#	90
38) Benzo(k)fluoranthene	23.136	252	30937	0.35	ng	#	89
39) Benzo(a)pyrene	23.734	252	28033	0.42	ng	#	89
40) Dibenzo(a,h)anthracene	26.488	278	27233	0.41	ng	#	91
41) Benzo(g,h,i)perylene	27.269	276	28875	0.40	ng		95

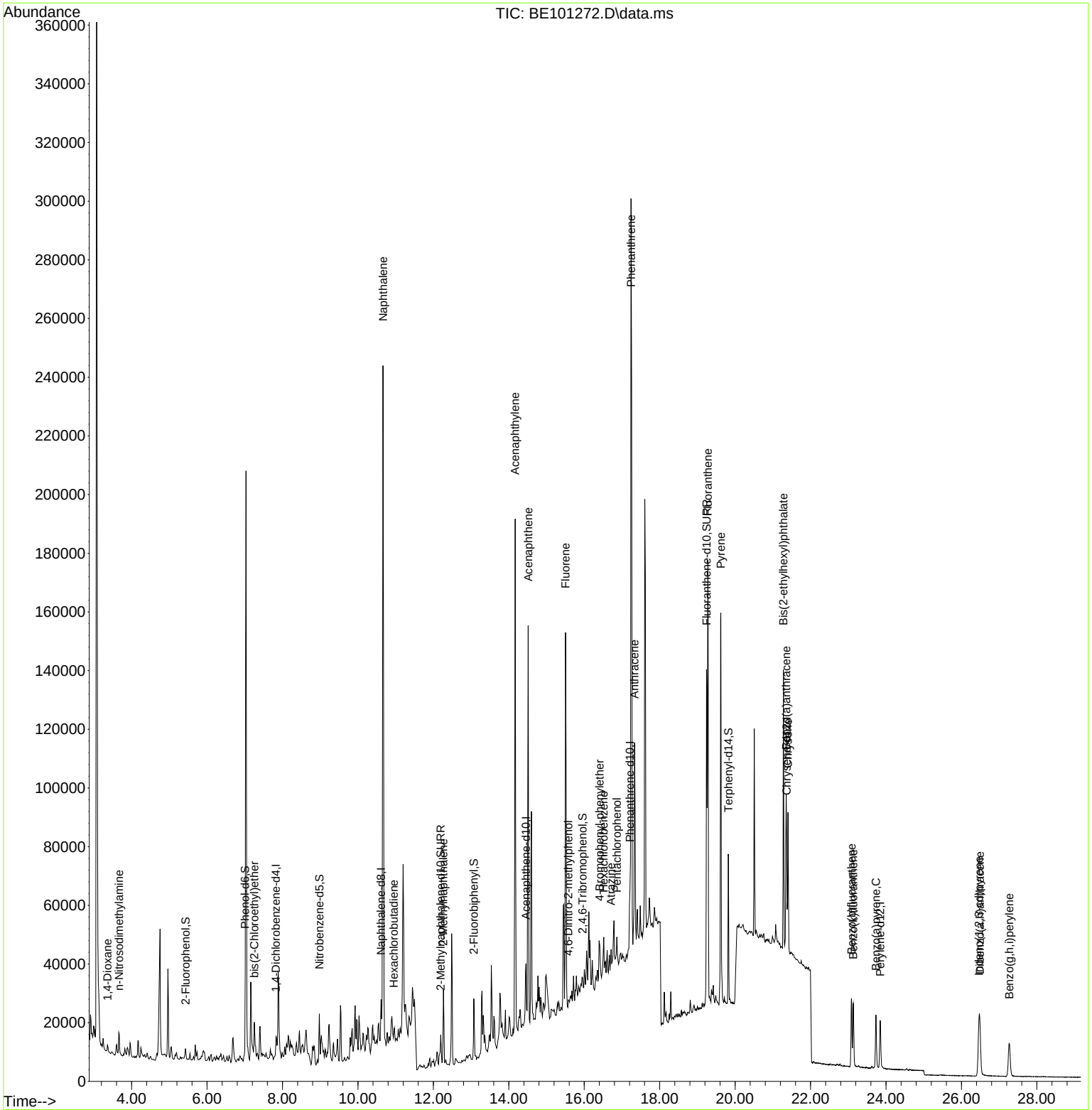
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

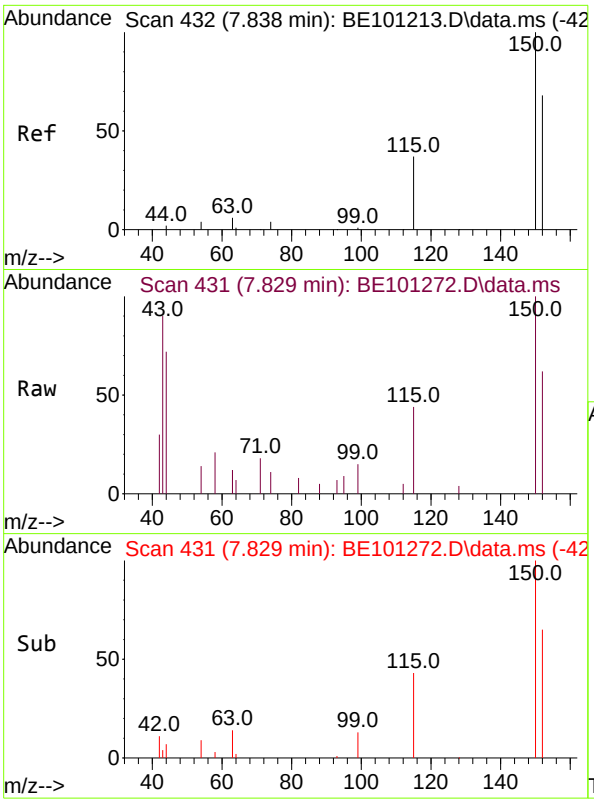
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101272.D
Acq On : 9 Apr 2021 16:06
Operator : CG/JU
Sample : M1966-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 10 05:07:50 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



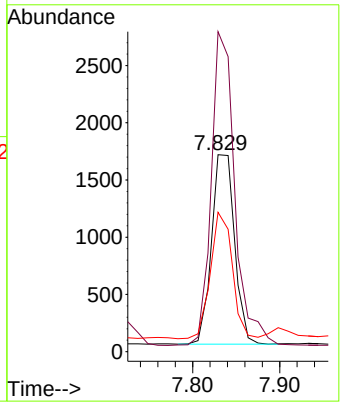
Instrument :
BNA_G
ClientSampleId :

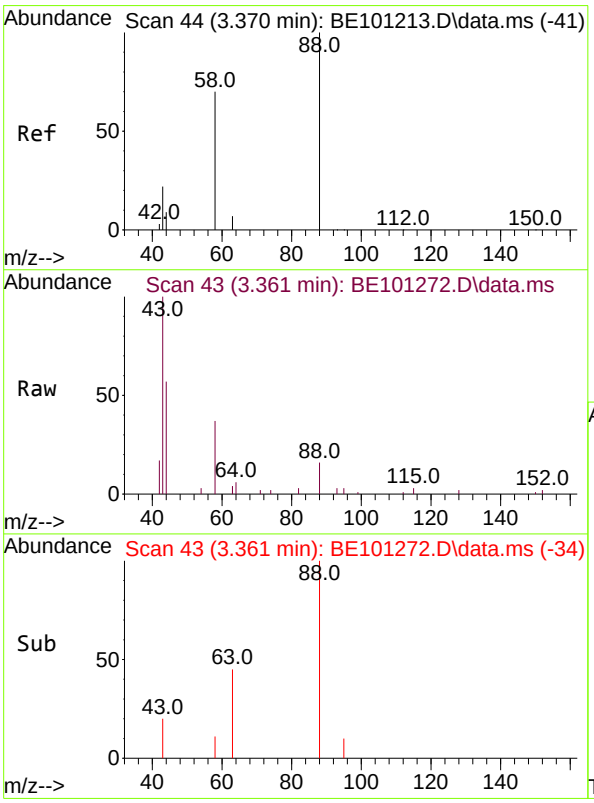


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.829 min Scan# 431
Delta R.T. -0.001 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:152 Resp: 3049

Ion	Ratio	Lower	Upper
152	100		
150	162.5	116.9	175.3
115	70.7	44.5	66.7#

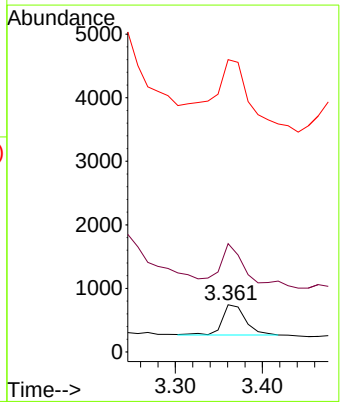




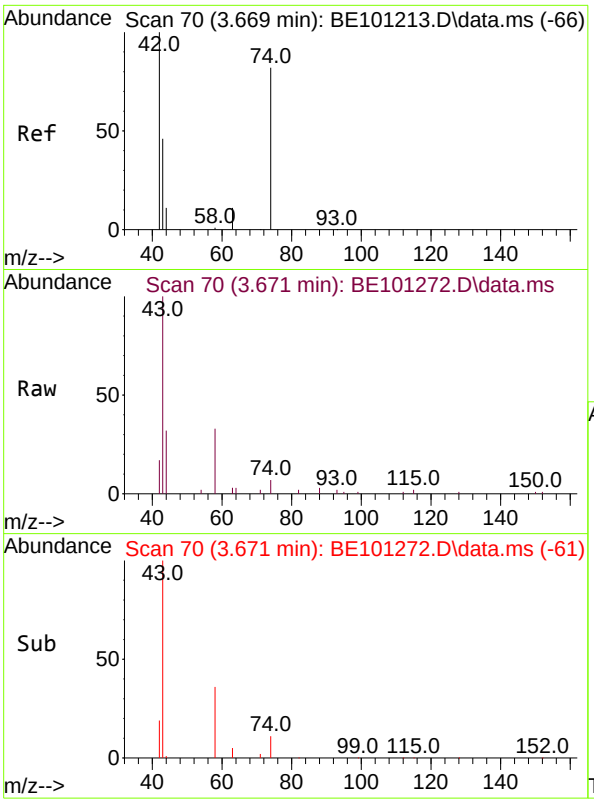
#2
1,4-Dioxane
Concen: 0.19 ng
RT: 3.361 min Scan# 43
Delta R.T. -0.000 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion: 88 Resp: 896

Ion	Ratio	Lower	Upper
88	100		
58	108.0	73.6	110.4
43	260.5	27.6	41.4#



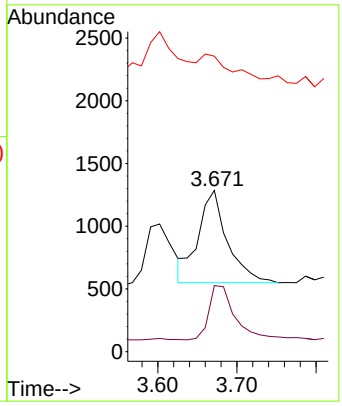
Instrument :
BNA_G
ClientSampleId :

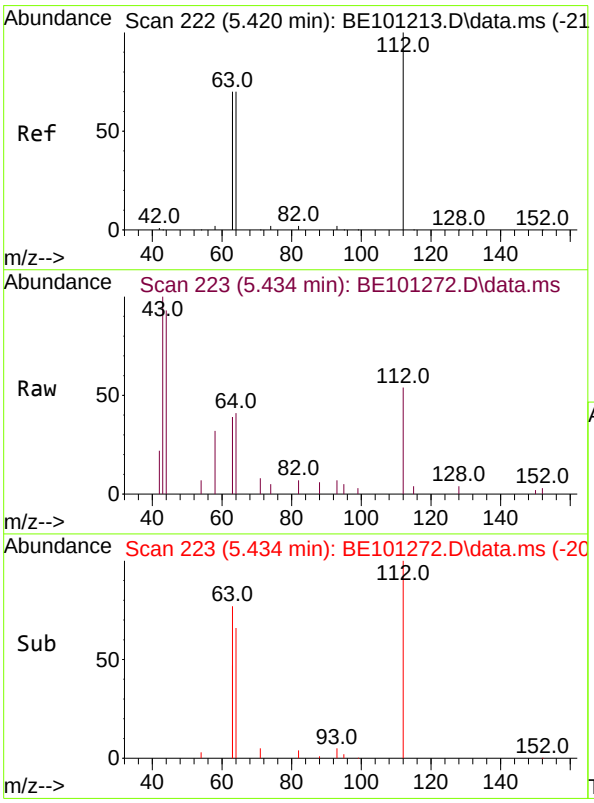


#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.671 min Scan# 70
Delta R.T. -0.000 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion: 42 Resp: 1877

Ion	Ratio	Lower	Upper
42	100		
74	52.9	92.7	139.1#
44	0.0	10.7	16.1#

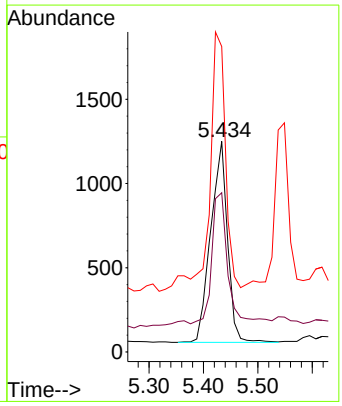


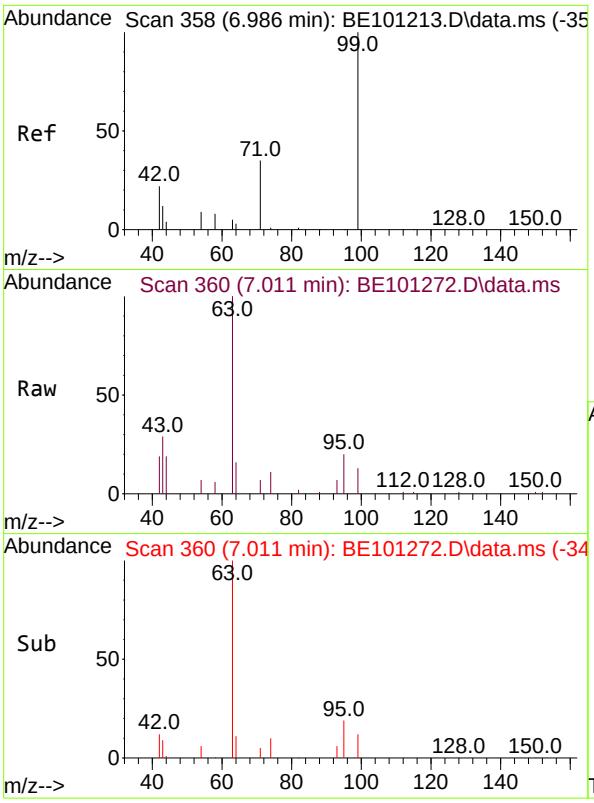


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.434 min Scan# 223
Delta R.T. 0.011 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:112 Resp: 2554

Ion	Ratio	Lower	Upper
112	100		
64	63.6	62.3	93.5
63	122.0	117.3	175.9

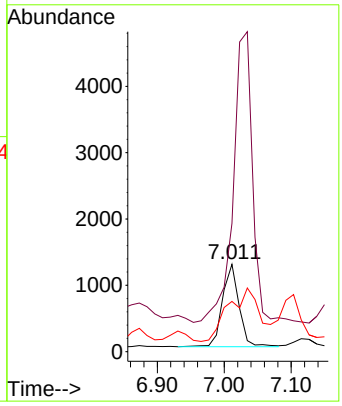




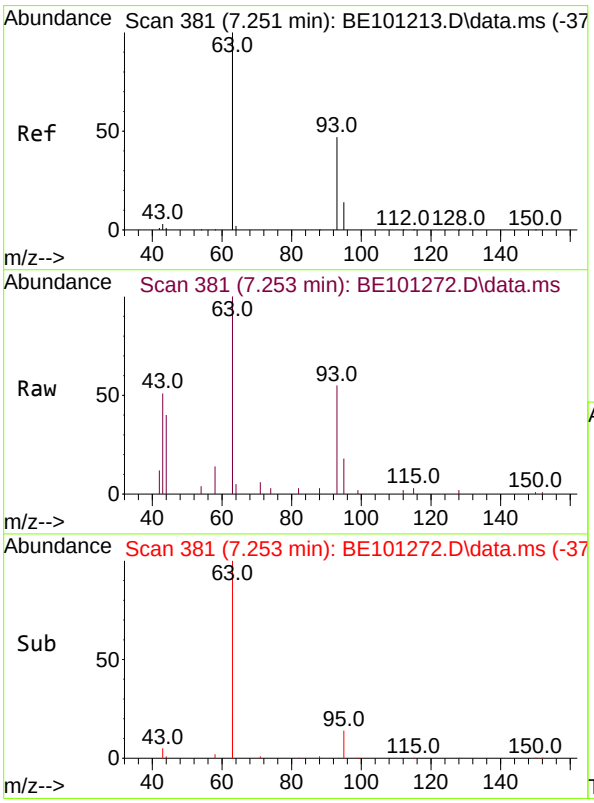
#5
Phenol-d6
Concen: 0.19 ng
RT: 7.011 min Scan# 360
Delta R.T. 0.023 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion: 99 Resp: 2125

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.5	27.7#
71	0.0	26.5	39.7#



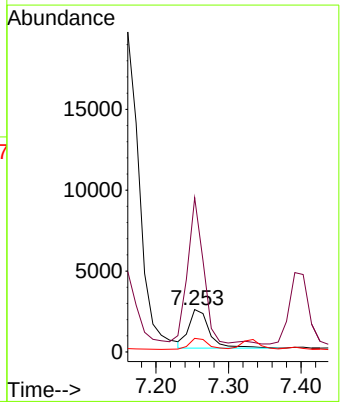
Instrument :
BNA_G
ClientSampleId :



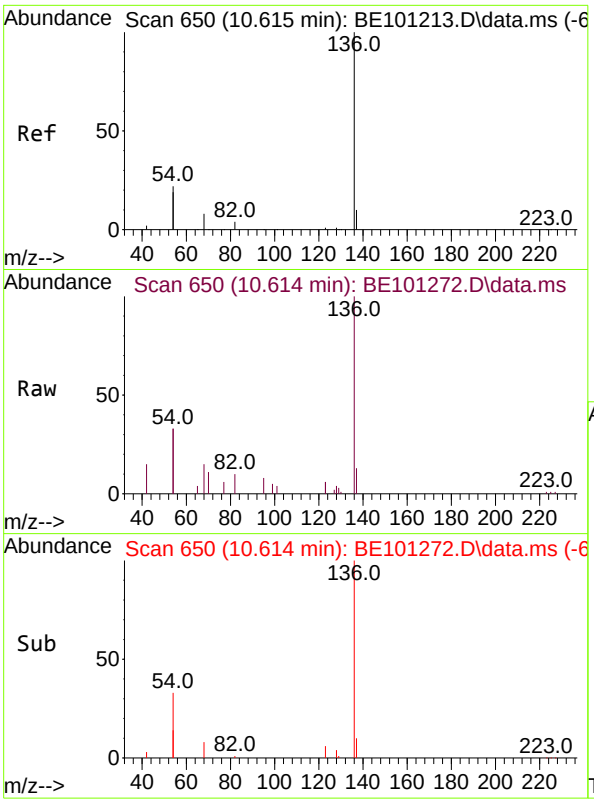
#6
bis(2-Chloroethyl)ether
Concen: 0.45 ng
RT: 7.253 min Scan# 381
Delta R.T. -0.000 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion: 93 Resp: 4706

Ion	Ratio	Lower	Upper
93	100		
63	285.4	292.5	438.7#
95	26.2	25.7	38.5



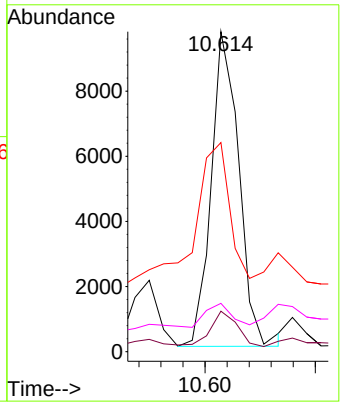
Instrument :
BNA_G
ClientSampleId :

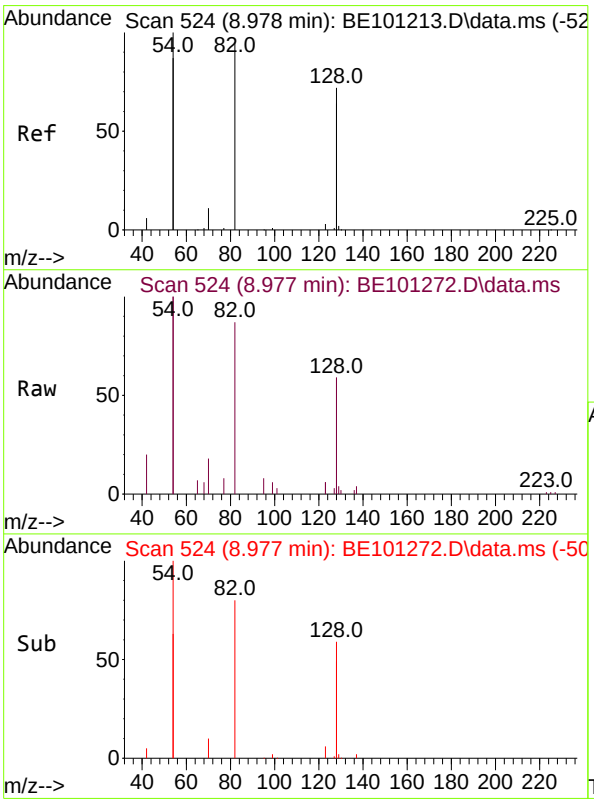


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:136 Resp: 16890

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.6	13.0
54	65.3	34.7	52.1#
68	15.1	7.0	10.4#

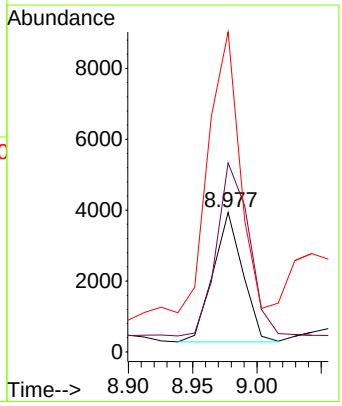


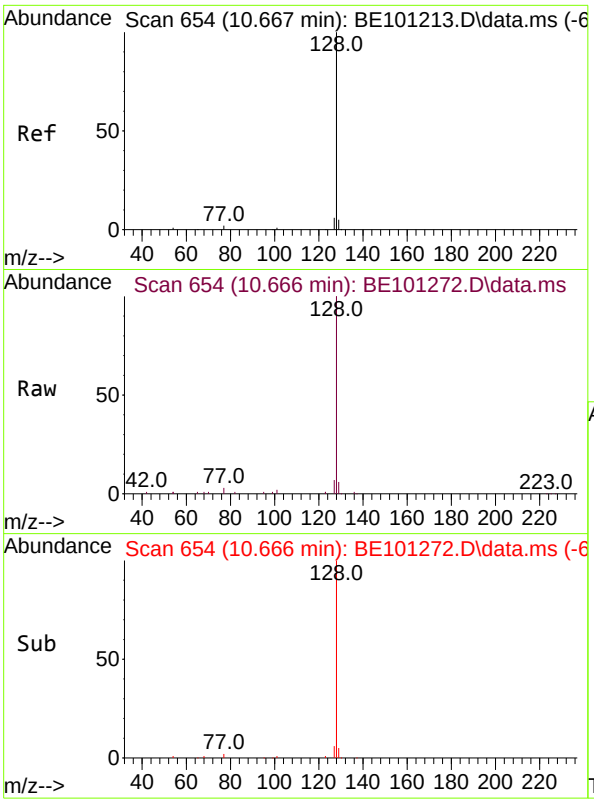


#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion: 82 Resp: 5888

Ion	Ratio	Lower	Upper
82	100		
128	135.4	118.7	178.1
54	229.3	164.4	246.6

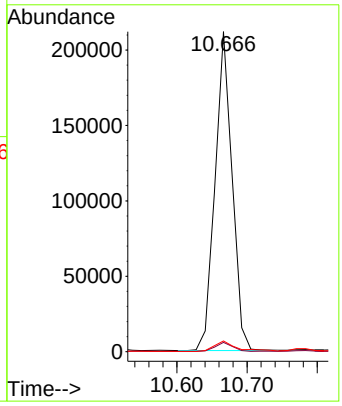




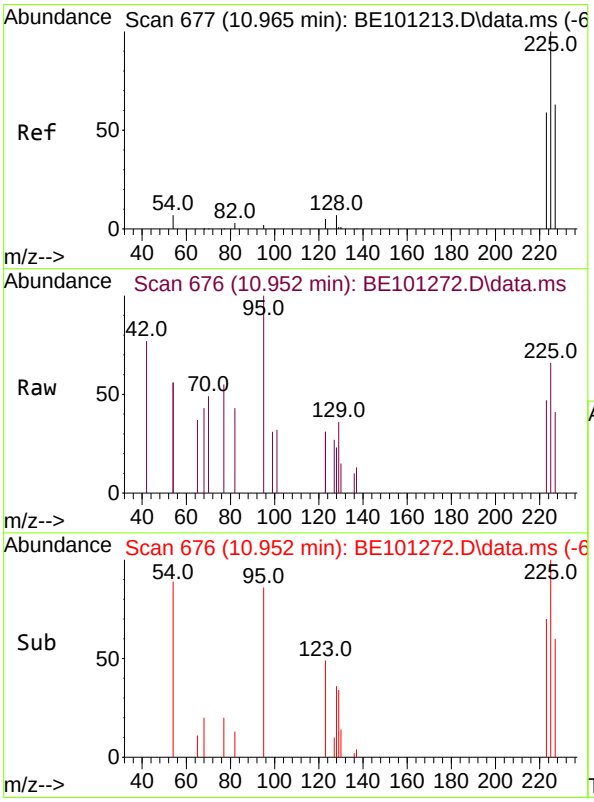
#9
Naphthalene
Concen: 1.94 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.000 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:128 Resp: 356273

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.4	2.6	3.8



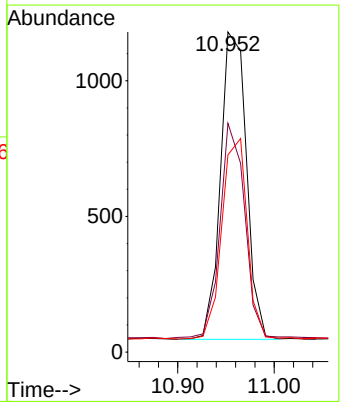
Instrument :
BNA_G
ClientSampleId :

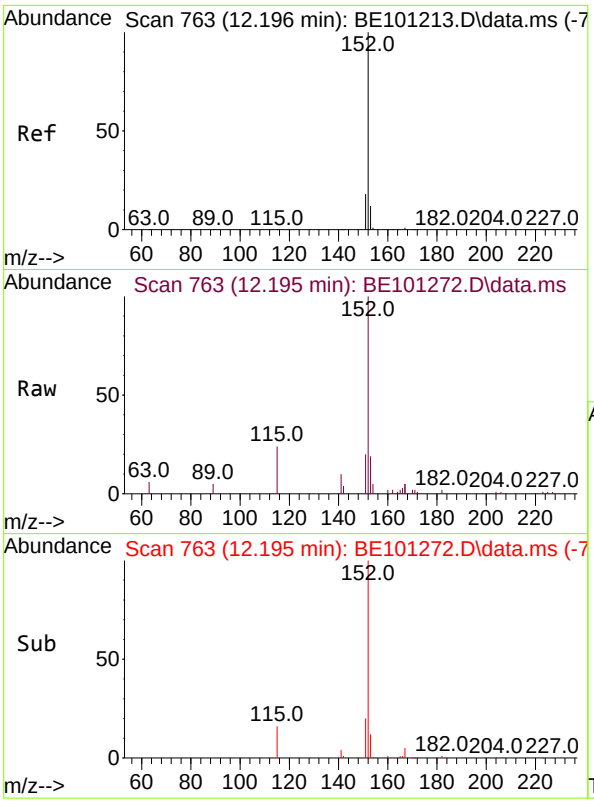


#10
Hexachlorobutadiene
Concen: 0.26 ng
RT: 10.952 min Scan# 676
Delta R.T. -0.013 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:225 Resp: 2114

Ion	Ratio	Lower	Upper
225	100		
223	66.8	50.4	75.6
227	64.1	50.1	75.1

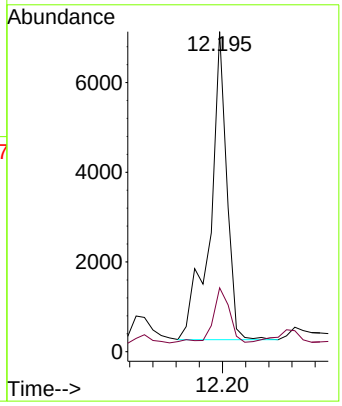




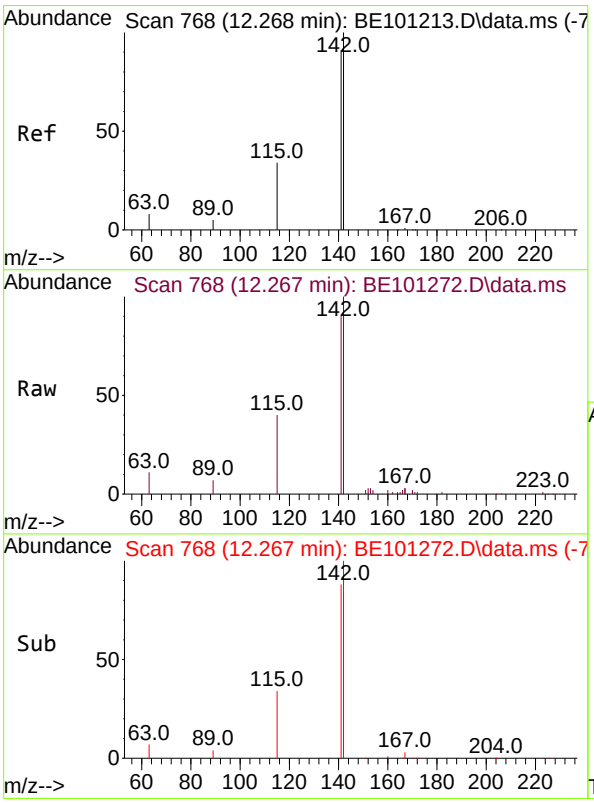
#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:152 Resp: 13583

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.5	24.7



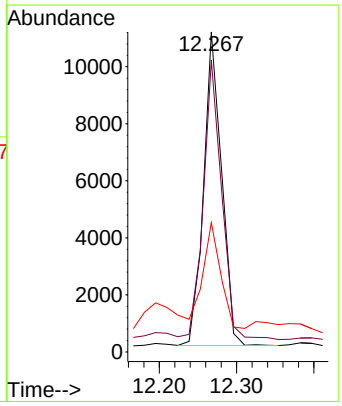
Instrument :
BNA_G
ClientSampleId :

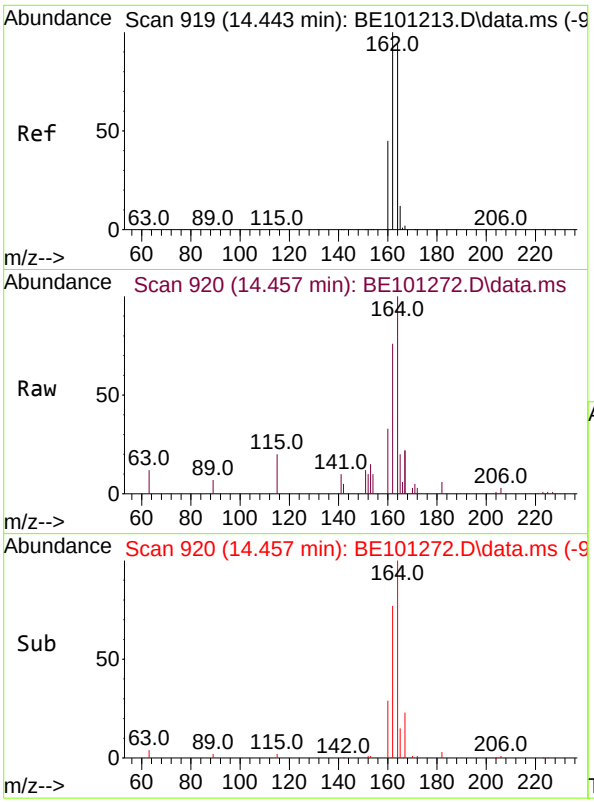


#12
2-Methylnaphthalene
Concen: 0.54 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:142 Resp: 17825

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.6
115	40.4	27.8	41.8

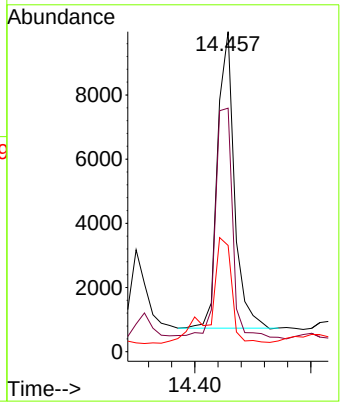




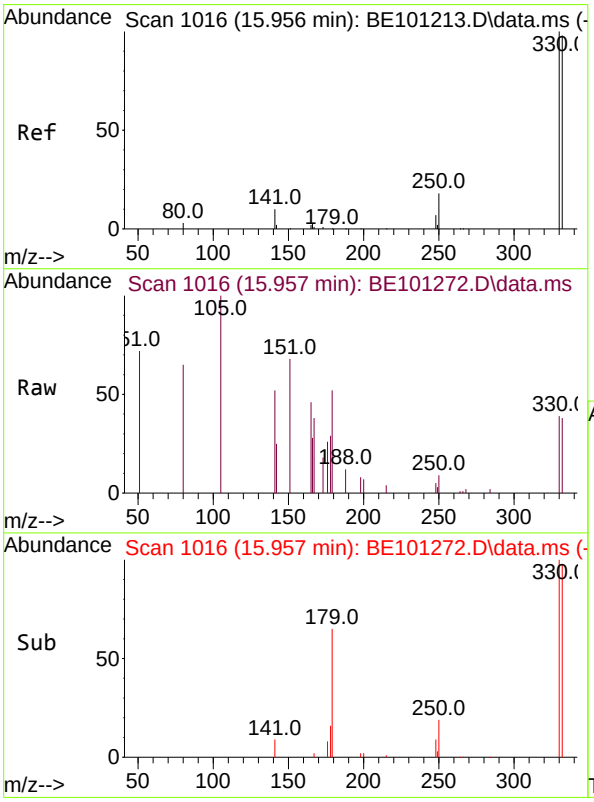
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. 0.014 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:164 Resp: 18520

Ion	Ratio	Lower	Upper
164	100		
162	76.1	85.3	127.9#
160	33.2	39.1	58.7#



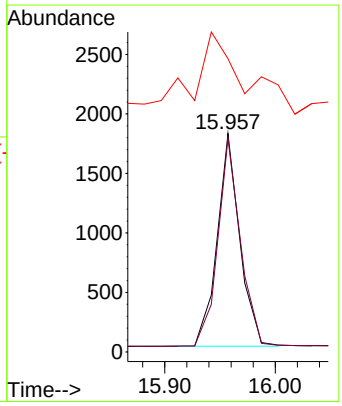
Instrument :
BNA_G
ClientSampleId :



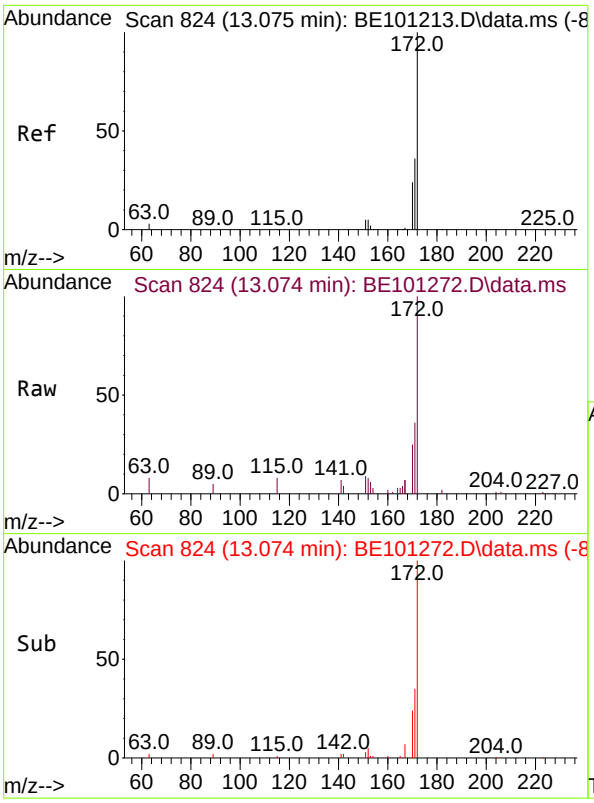
#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:330 Resp: 2532

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.6
141	54.1	30.4	45.6#



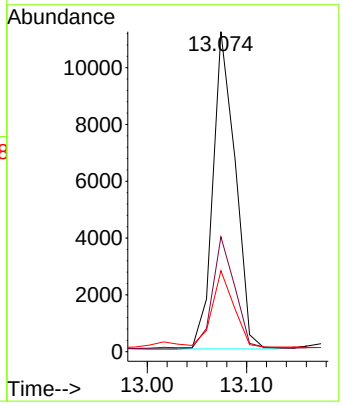
Instrument :
BNA_G
ClientSampleId :

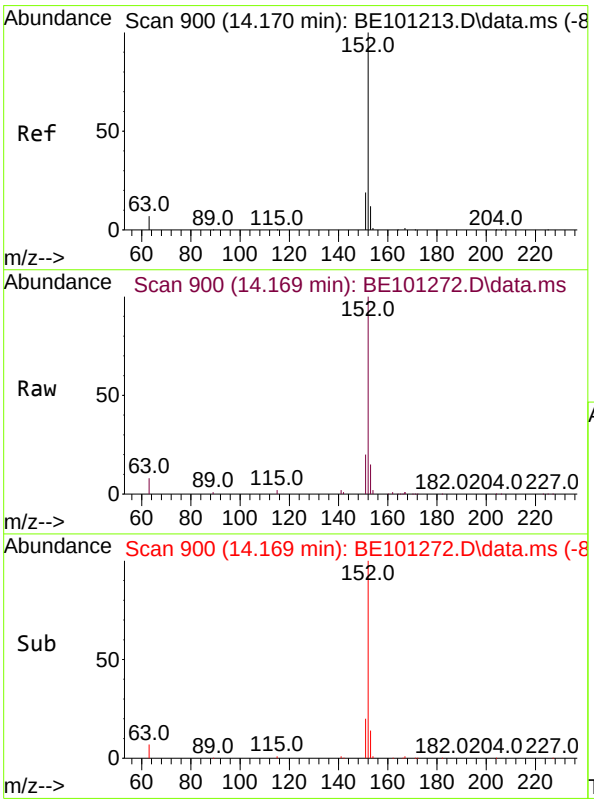


#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:172 Resp: 17442

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	25.3	19.3	28.9

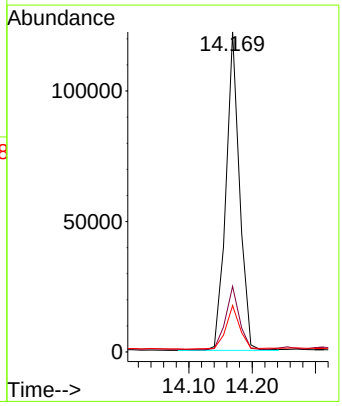


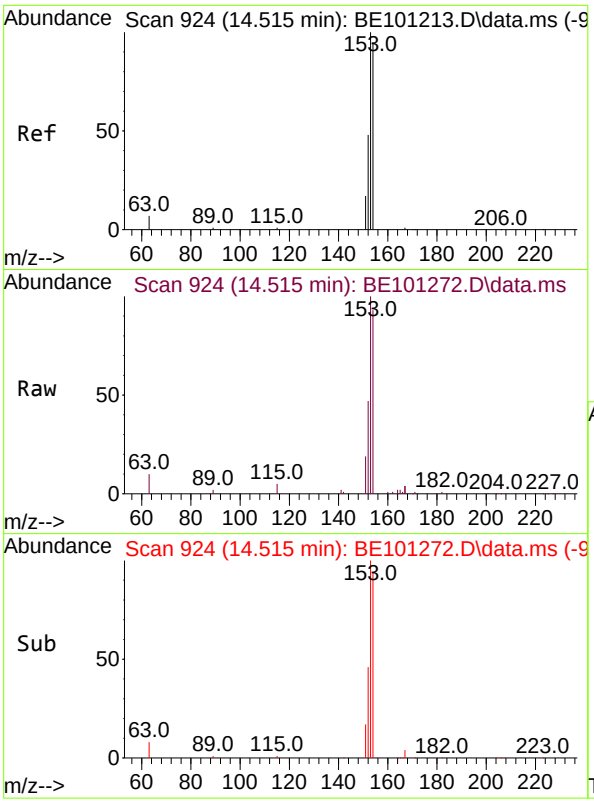


#16
Acenaphthylene
Concen: 2.53 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:152 Resp: 182422

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2
153	14.0	10.0	15.0

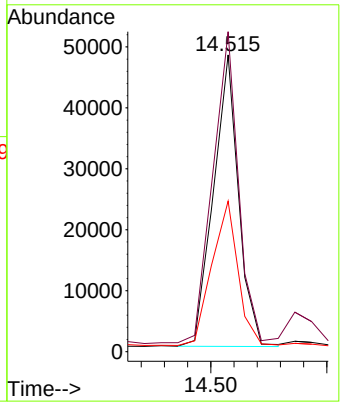




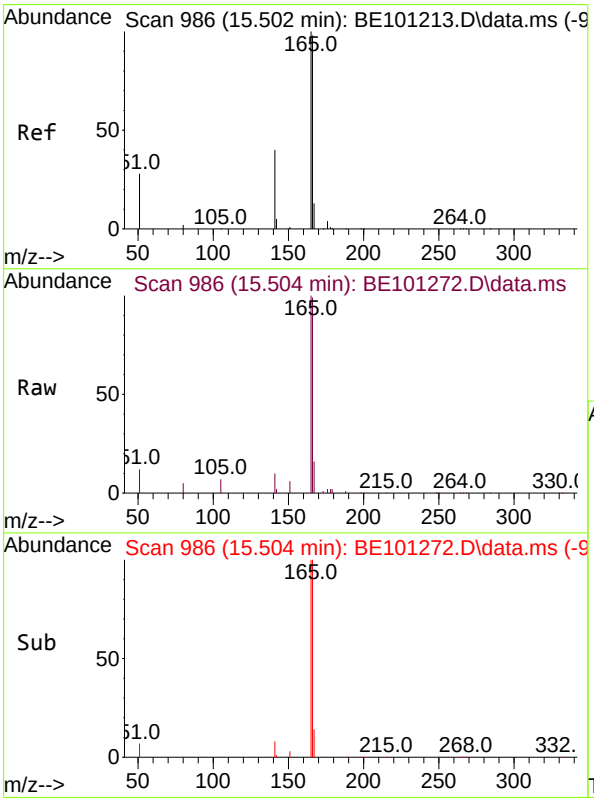
#17
Acenaphthene
Concen: 1.33 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:154 Resp: 71843

Ion	Ratio	Lower	Upper
154	100		
153	108.5	84.9	127.3
152	51.2	42.7	64.1



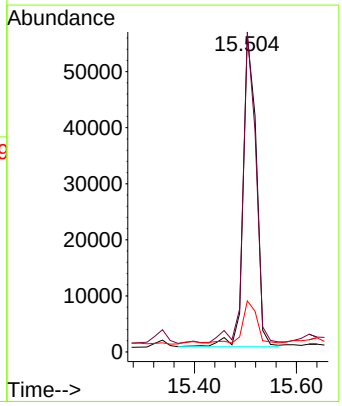
Instrument :
BNA_G
ClientSampleId :

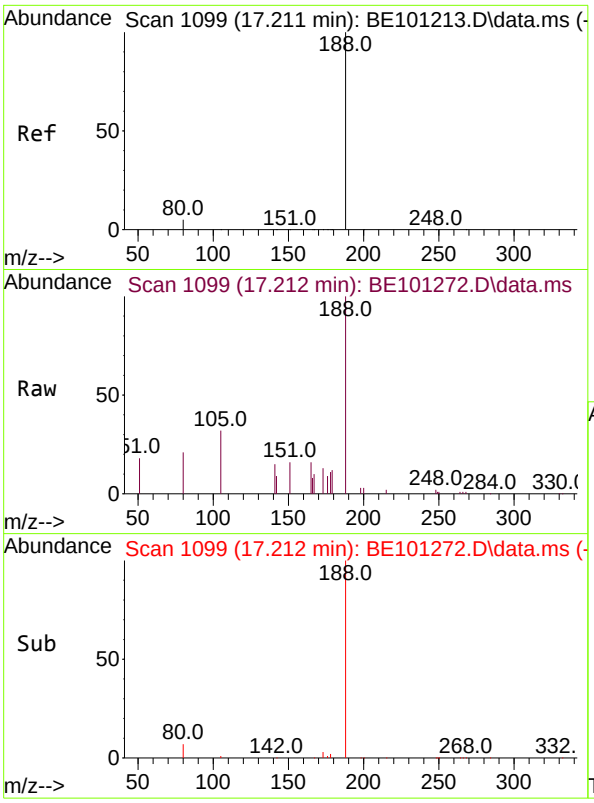


#18
Fluorene
Concen: 1.37 ng
RT: 15.504 min Scan# 986
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:166 Resp: 99225

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.4
167	14.6	11.0	16.4

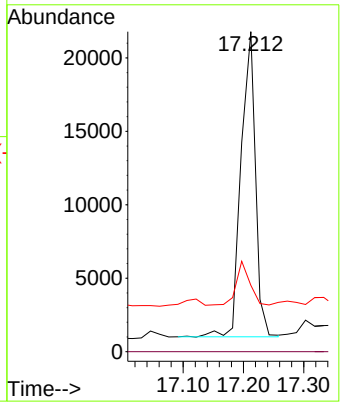




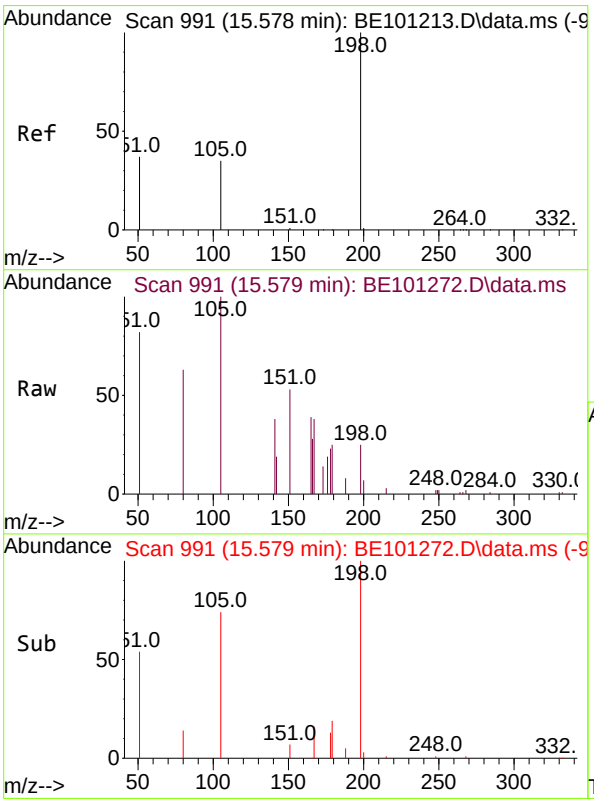
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:188 Resp: 34577

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.7	4.6	6.8#



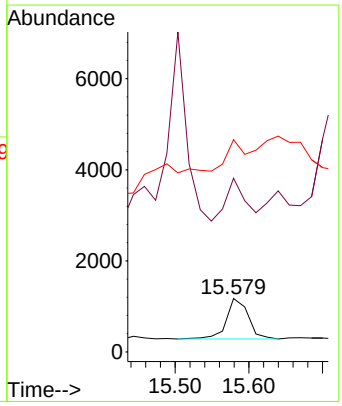
Instrument :
BNA_G
ClientSampleId :

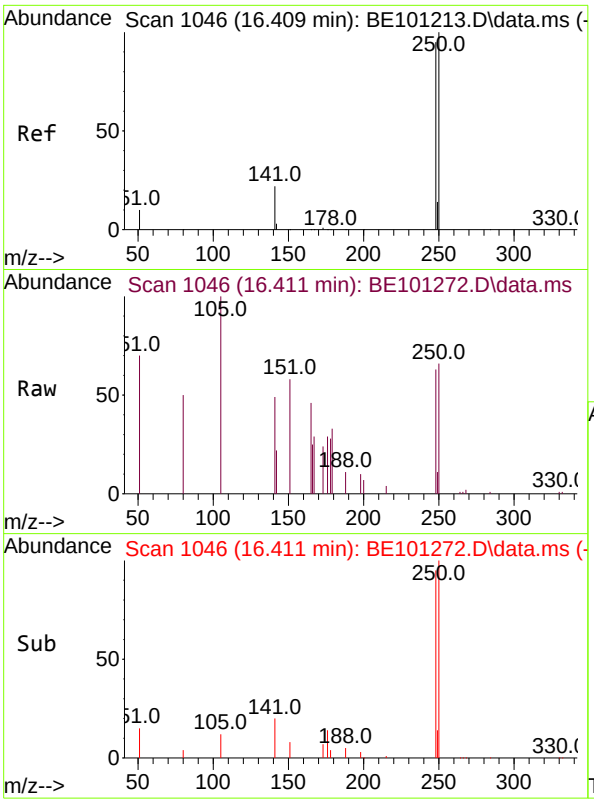


#20
4,6-Dinitro-2-methylphenol
Concen: 0.53 ng
RT: 15.579 min Scan# 991
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:198 Resp: 1830

Ion	Ratio	Lower	Upper
198	100		
51	325.0	55.9	83.9#
105	397.1	33.6	50.4#

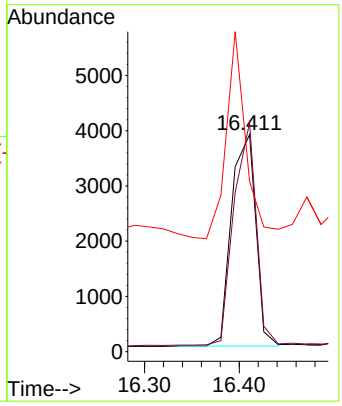


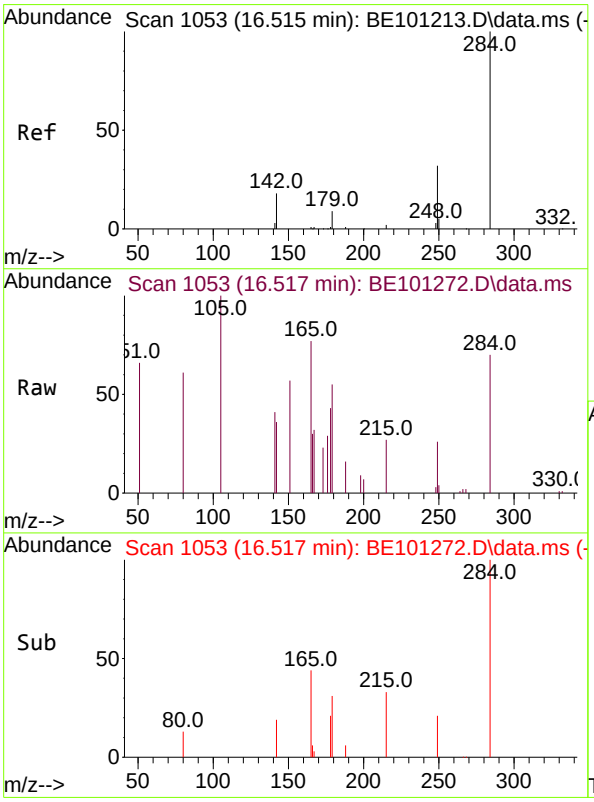


#21
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.411 min Scan# 1046
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:248 Resp: 6823

Ion	Ratio	Lower	Upper
248	100		
250	105.5	84.5	126.7
141	78.5	19.8	29.8#

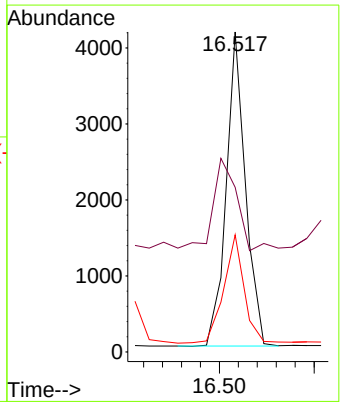




#22
Hexachlorobenzene
Concen: 0.34 ng
RT: 16.517 min Scan# 1053
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

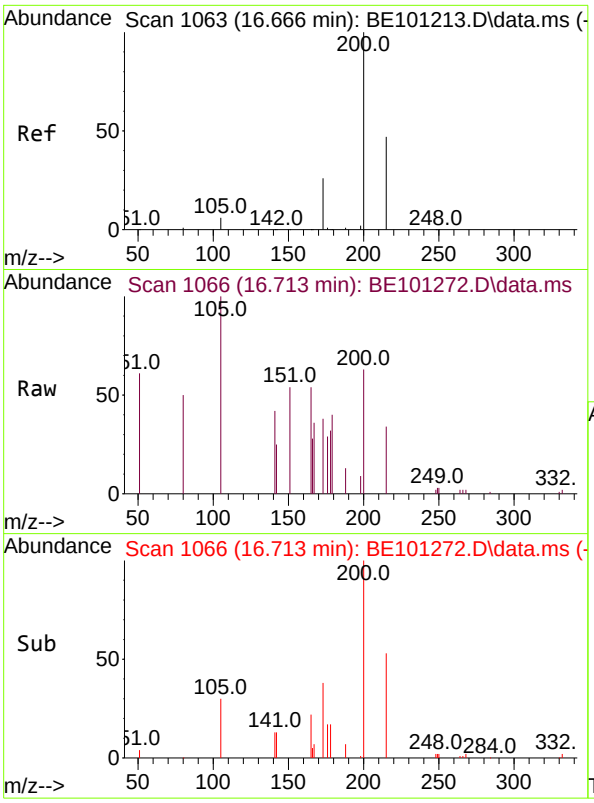
Tgt Ion:284 Resp: 5810

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.4	41.0
249	36.4	26.5	39.7



Instrument :
BNA_G
ClientSampleId :

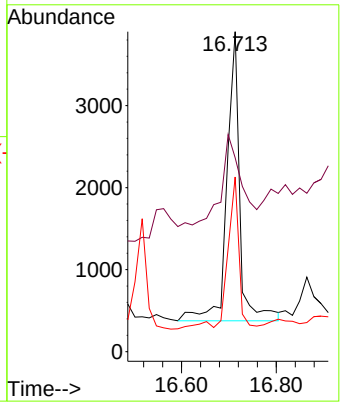
Instrument :
BNA_G
ClientSampleId :

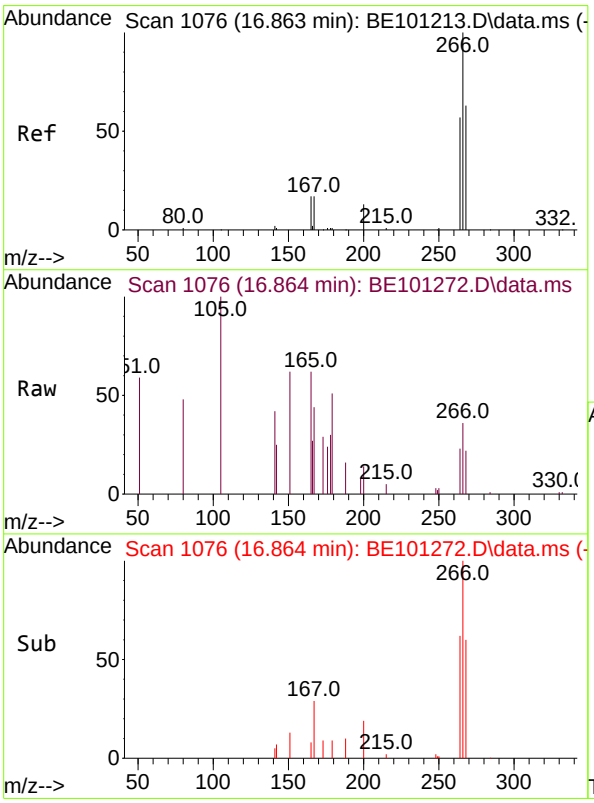


#23
Atrazine
Concen: 0.57 ng
RT: 16.713 min Scan# 1066
Delta R.T. 0.048 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:200 Resp: 6656

Ion	Ratio	Lower	Upper
200	100		
173	60.6	21.9	32.9#
215	54.6	38.6	57.8

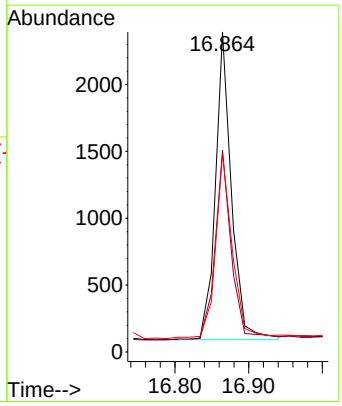


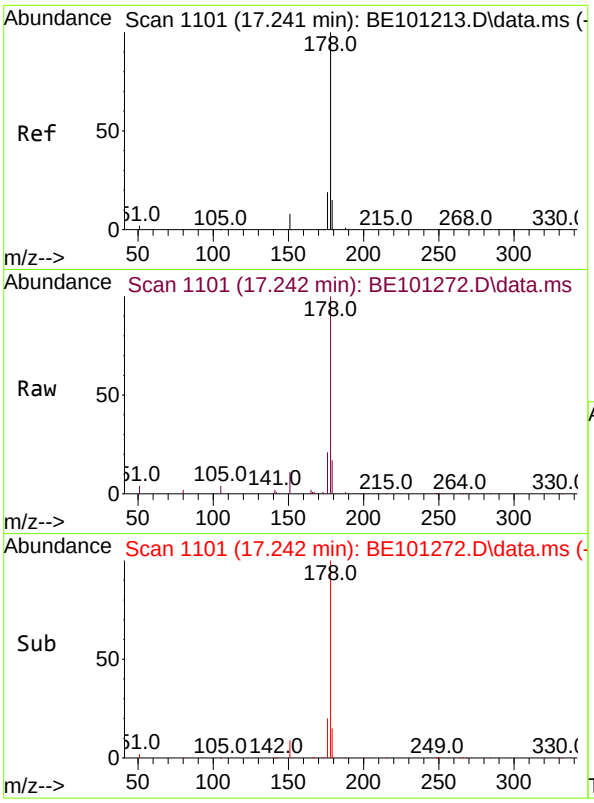


#24
Pentachlorophenol
Concen: 0.55 ng
RT: 16.864 min Scan# 1076
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:266 Resp: 3482

Ion	Ratio	Lower	Upper
266	100		
264	65.2	49.1	73.7
268	65.2	50.6	76.0

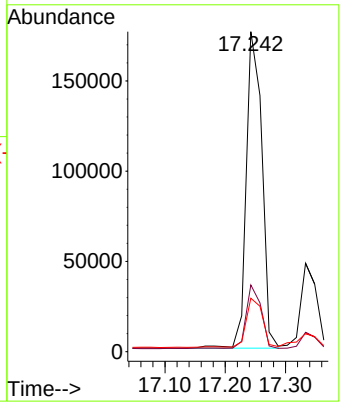




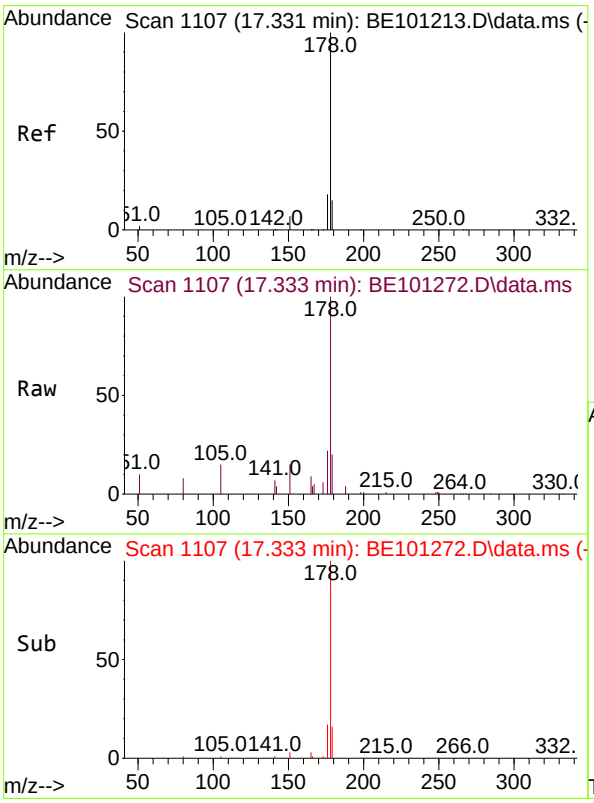
#25
Phenanthrene
Concen: 3.07 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:178 Resp: 314903

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	16.5	12.2	18.4



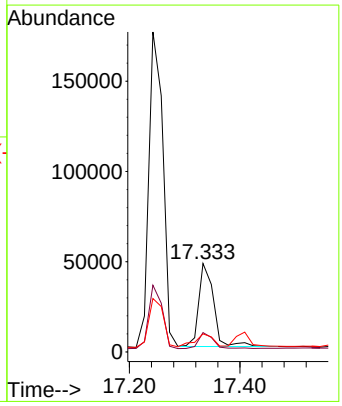
Instrument :
BNA_G
ClientSampleId :

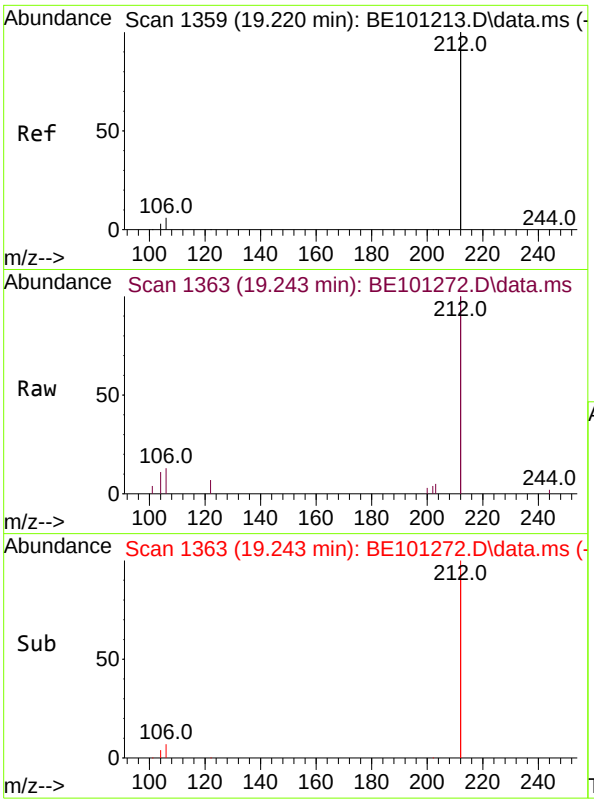


#26
Anthracene
Concen: 0.98 ng
RT: 17.333 min Scan# 1107
Delta R.T. 0.002 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:178 Resp: 85906

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.4	21.6
179	19.3	11.8	17.8#

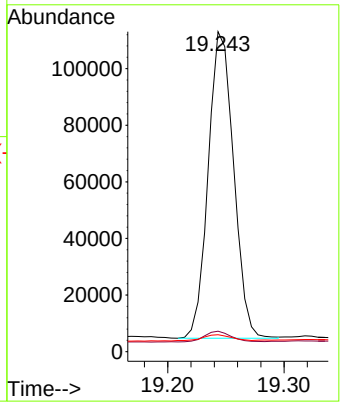




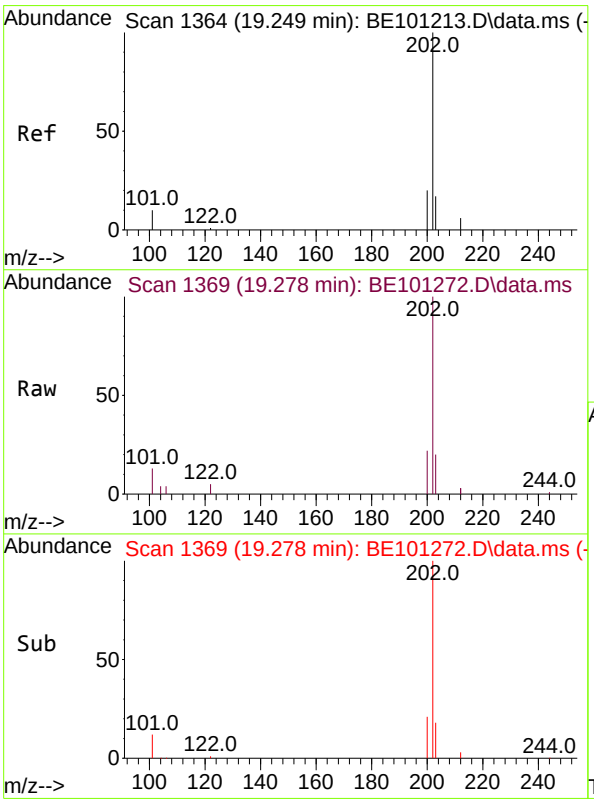
#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.243 min Scan# 1363
Delta R.T. 0.029 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:212 Resp: 164582

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.6	4.0
104	2.3	1.4	2.2#



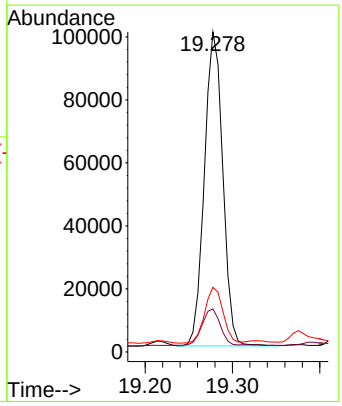
Instrument :
BNA_G
ClientSampleId :

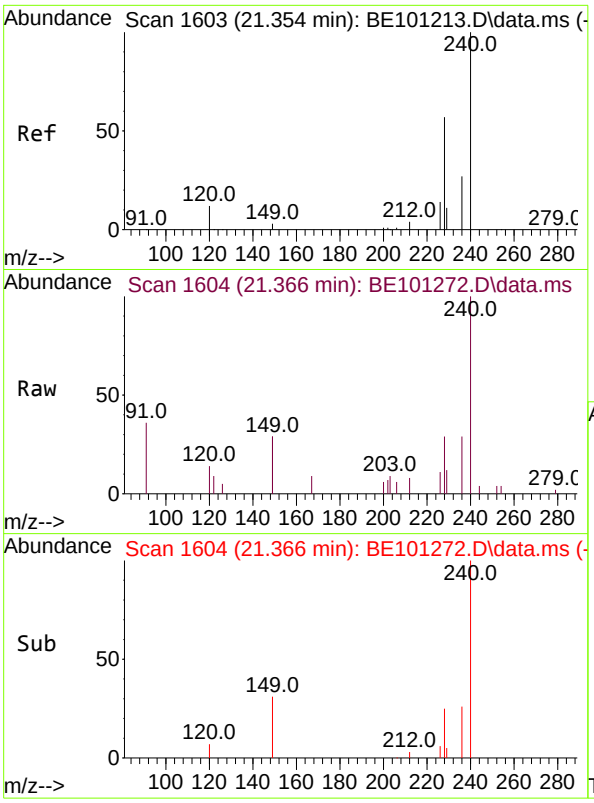


#28
Fluoranthene
Concen: 1.10 ng
RT: 19.278 min Scan# 1369
Delta R.T. 0.034 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:202 Resp: 145954

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.6	13.6	20.4

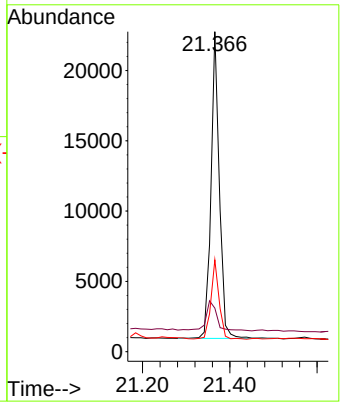




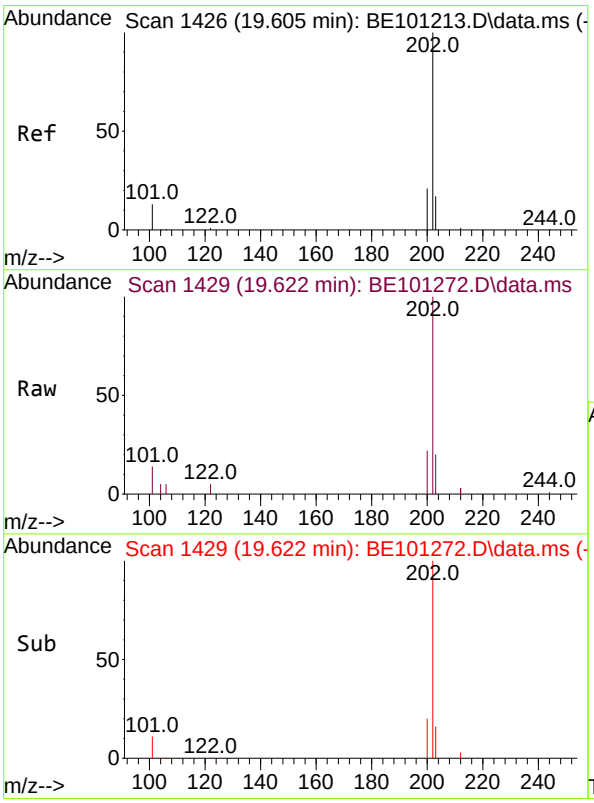
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:240 Resp: 28878

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.2	15.4
236	28.7	21.7	32.5



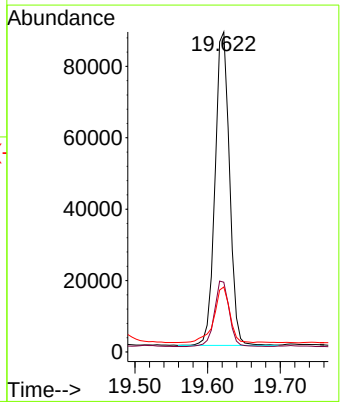
Instrument :
BNA_G
ClientSampleId :

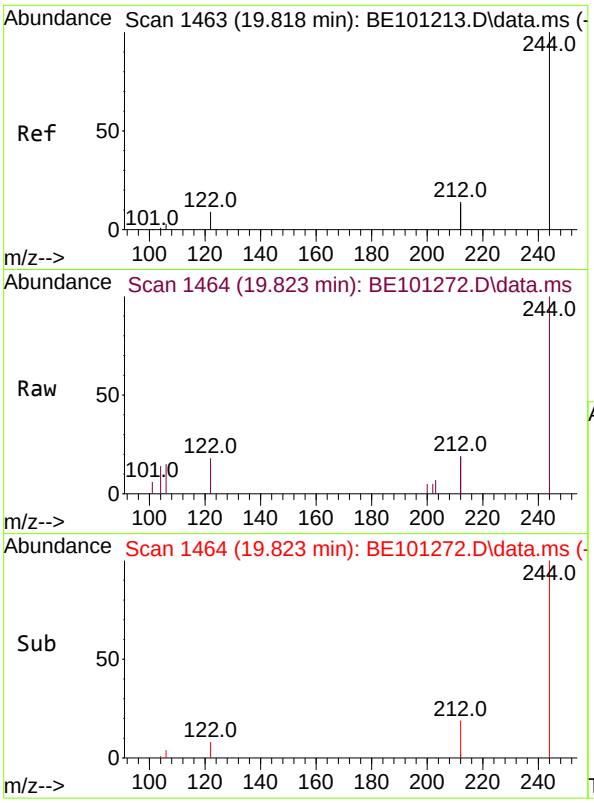


#30
Pyrene
Concen: 1.16 ng
RT: 19.622 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:202 Resp: 120681

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	19.2	13.8	20.8

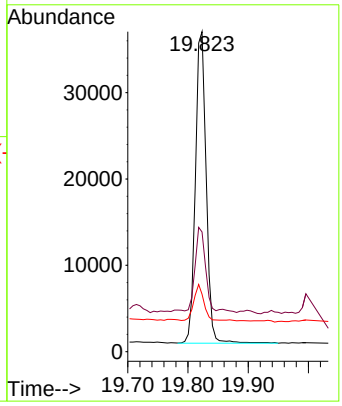


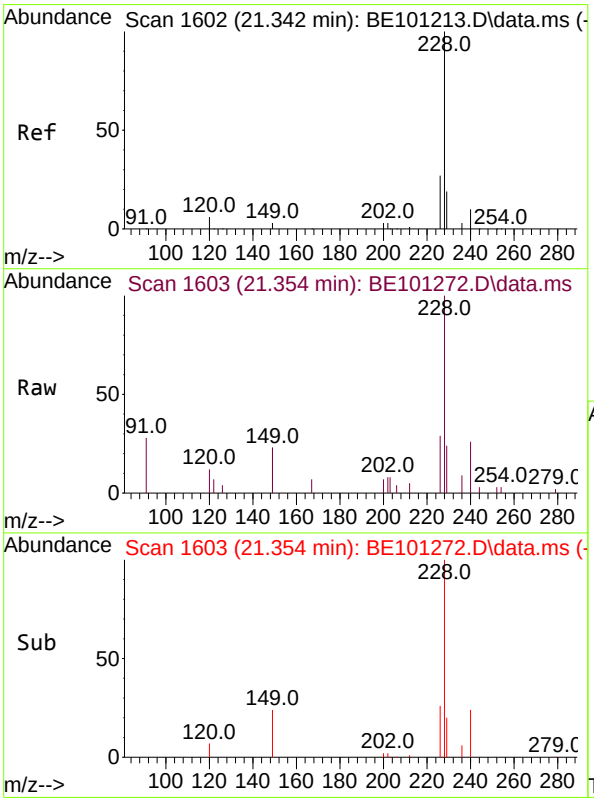


#31
Terphenyl-d14
Concen: 0.58 ng
RT: 19.823 min Scan# 1464
Delta R.T. 0.011 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:244 Resp: 44806

Ion	Ratio	Lower	Upper
244	100		
212	37.4	21.9	32.9#
122	18.0	7.3	10.9#

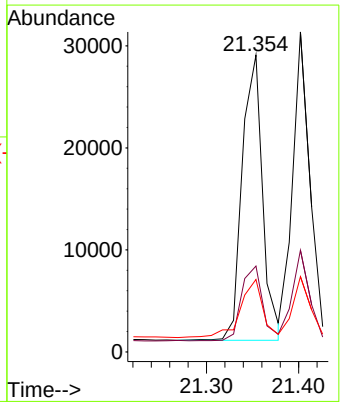




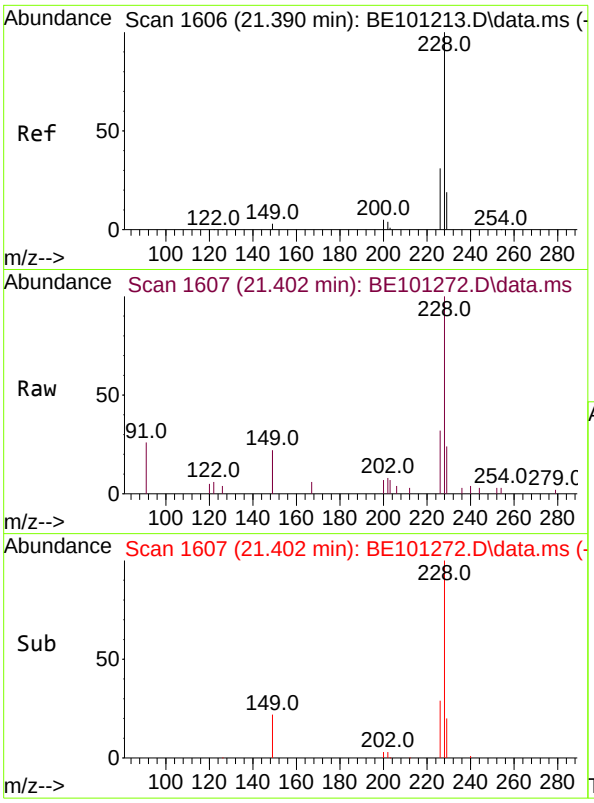
#32
Benzo(a)anthracene
Concen: 0.53 ng
RT: 21.354 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:228 Resp: 42918

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.4	32.2
229	24.4	15.7	23.5#



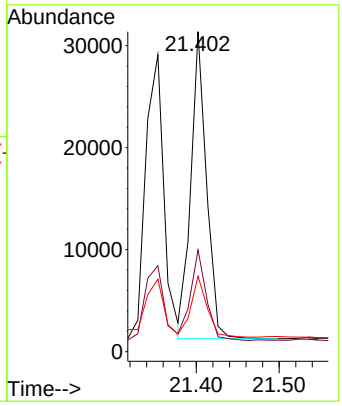
Instrument :
BNA_G
ClientSampleId :



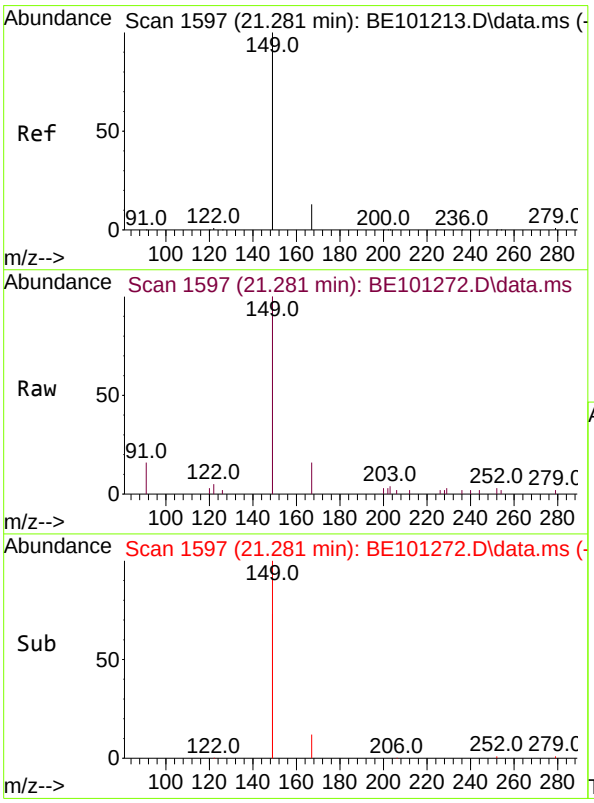
#33
Chrysene
Concen: 0.41 ng
RT: 21.402 min Scan# 1607
Delta R.T. 0.012 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:228 Resp: 39373

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	23.6	15.2	22.8#



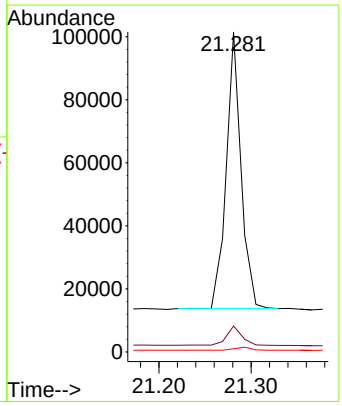
Instrument :
BNA_G
ClientSampleId :

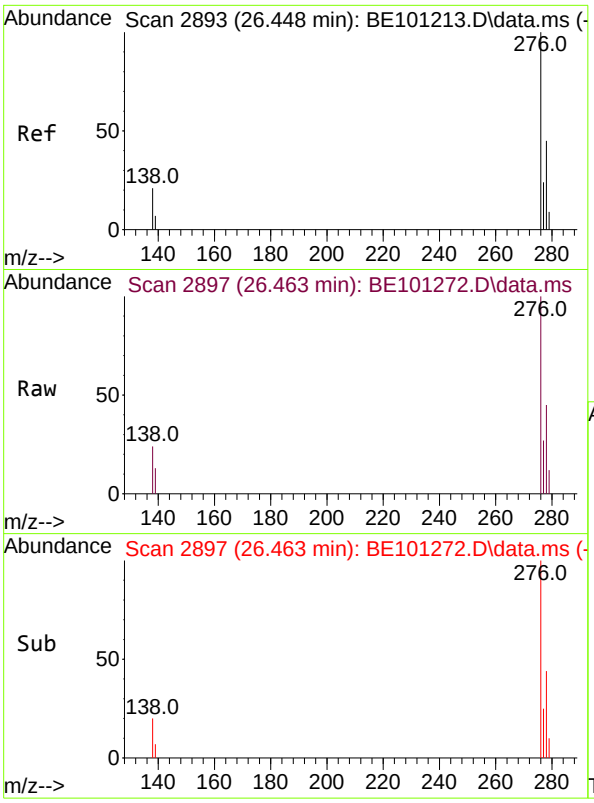


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.66 ng
RT: 21.281 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:149 Resp: 97787

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.5	8.3
279	1.2	1.0	1.4

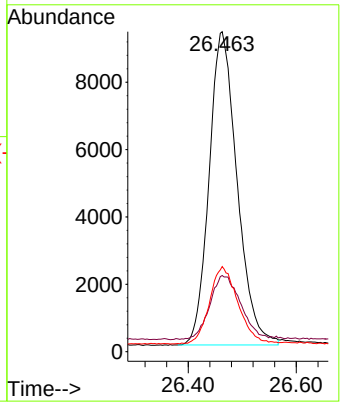




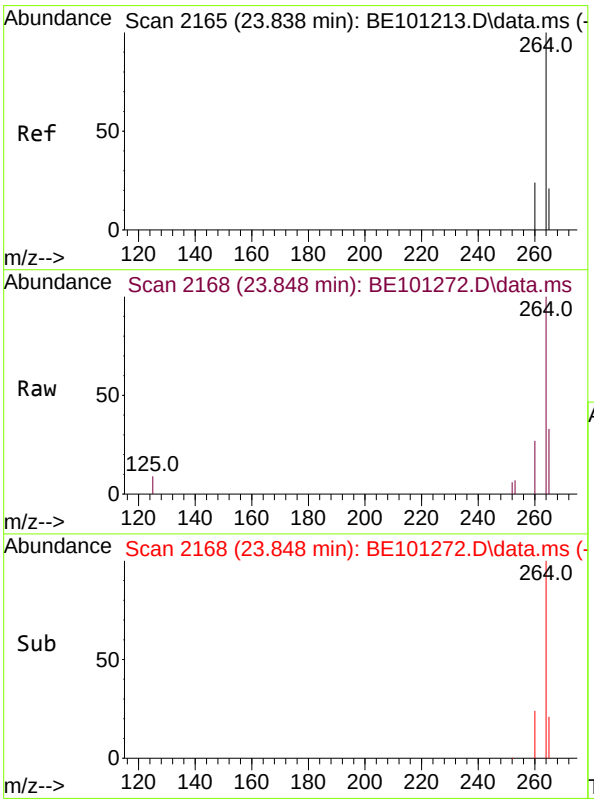
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 26.463 min Scan# 2897
Delta R.T. 0.018 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:276 Resp: 33493

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.4	26.0
277	25.2	19.8	29.8



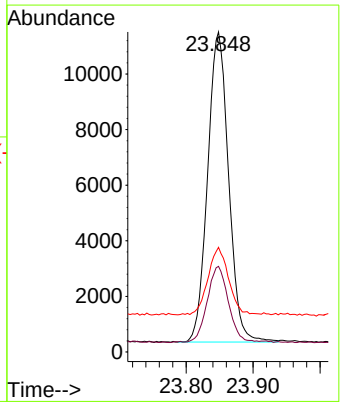
Instrument :
BNA_G
ClientSampleId :

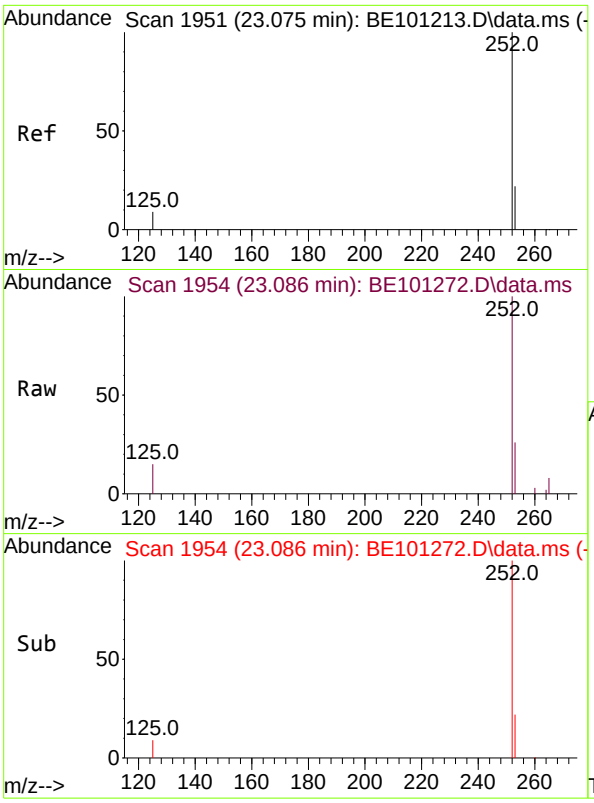


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.848 min Scan# 2168
Delta R.T. 0.014 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:264 Resp: 24276

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.3	28.9
265	32.7	22.4	33.6

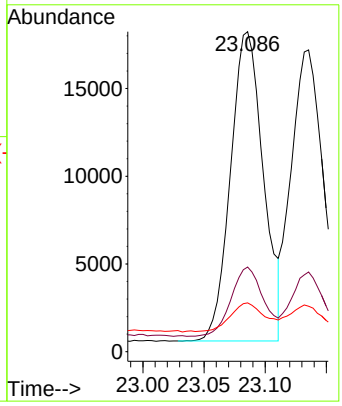




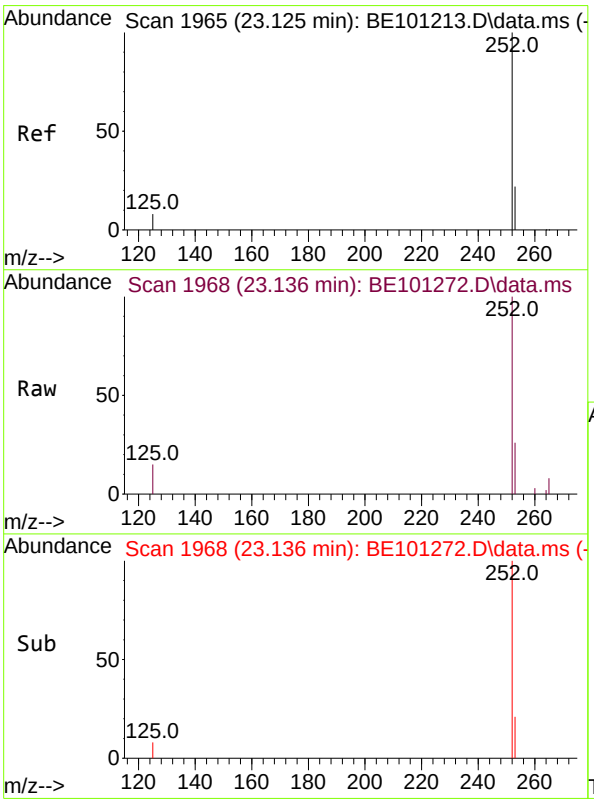
#37
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.086 min Scan# 1954
Delta R.T. 0.010 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:252 Resp: 32896

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.1	27.1
125	15.3	7.6	11.4#



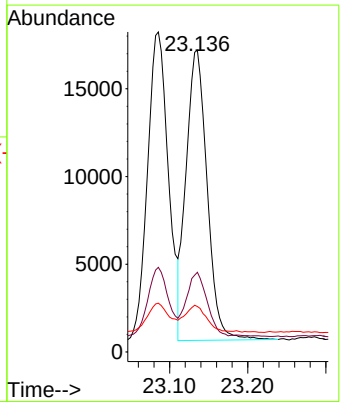
Instrument :
BNA_G
ClientSampleId :

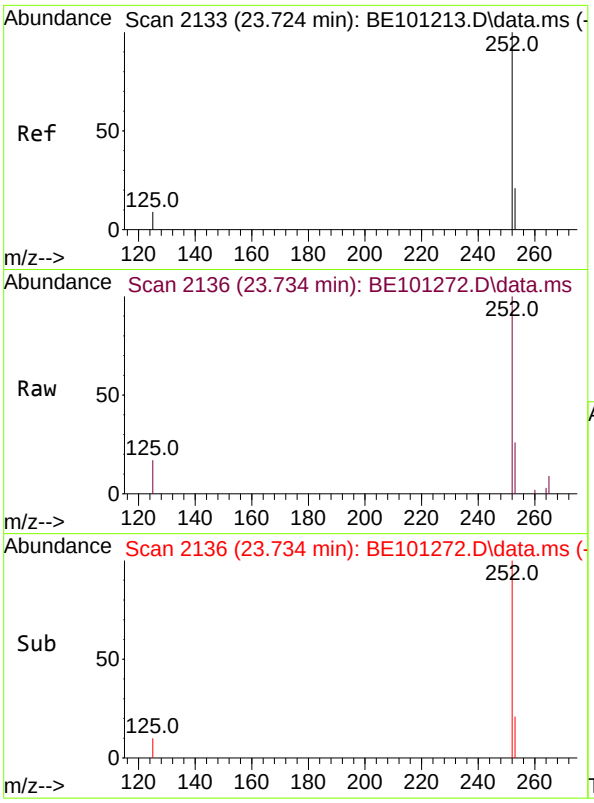


#38
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.136 min Scan# 1968
Delta R.T. 0.010 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:252 Resp: 30937

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.6
125	15.0	7.6	11.4#

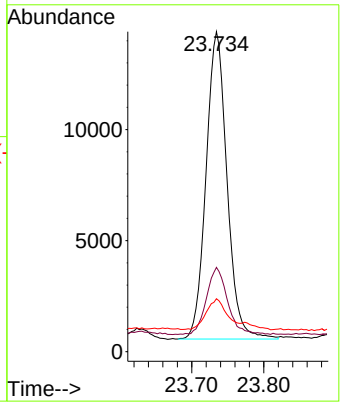




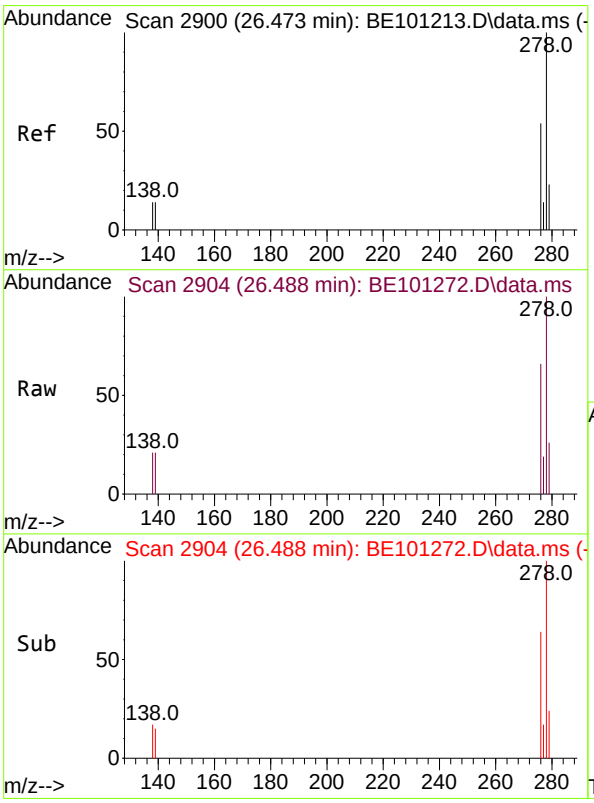
#39
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.734 min Scan# 2136
Delta R.T. 0.010 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:252 Resp: 28033

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	16.5	8.0	12.0#



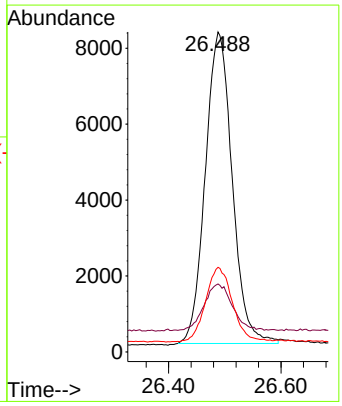
Instrument :
BNA_G
ClientSampleId :

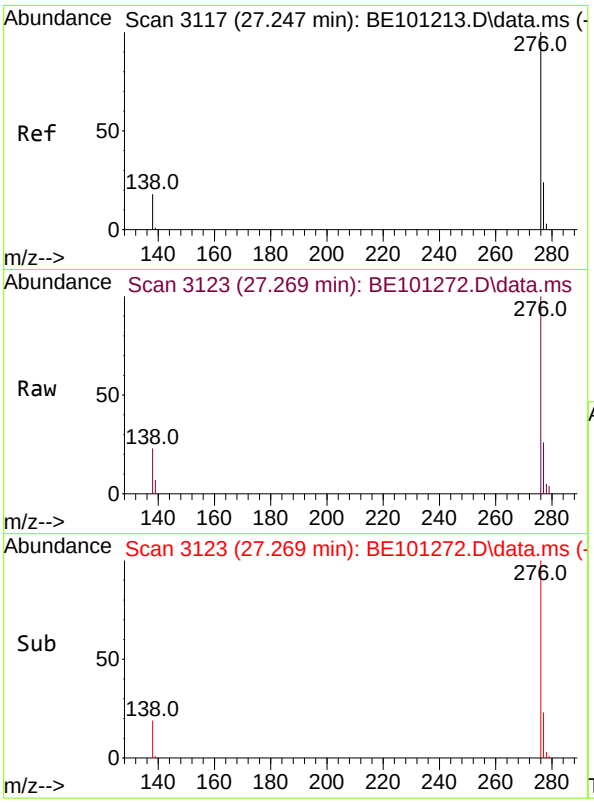


#40
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.488 min Scan# 2904
Delta R.T. 0.015 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:278 Resp: 27233

Ion	Ratio	Lower	Upper
278	100		
139	21.3	12.2	18.2#
279	26.4	19.3	28.9

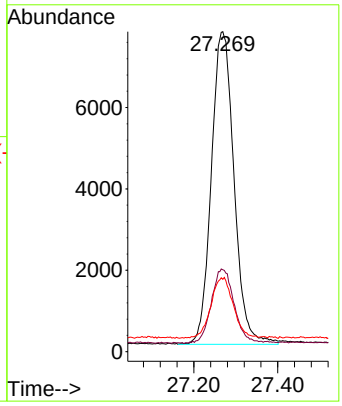




#41
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.269 min Scan# 3123
Delta R.T. 0.025 min
Lab File: BE101272.D
Acq: 9 Apr 2021 16:06

Tgt Ion:276 Resp: 28875

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.0
138	22.6	15.2	22.8



Instrument :
BNA_G
ClientSampleId :