

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101259.D
 Acq On : 9 Apr 2021 3:16
 Operator : CG/JU
 Sample : M1966-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-122

Quant Time: Apr 09 04:45:12 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)

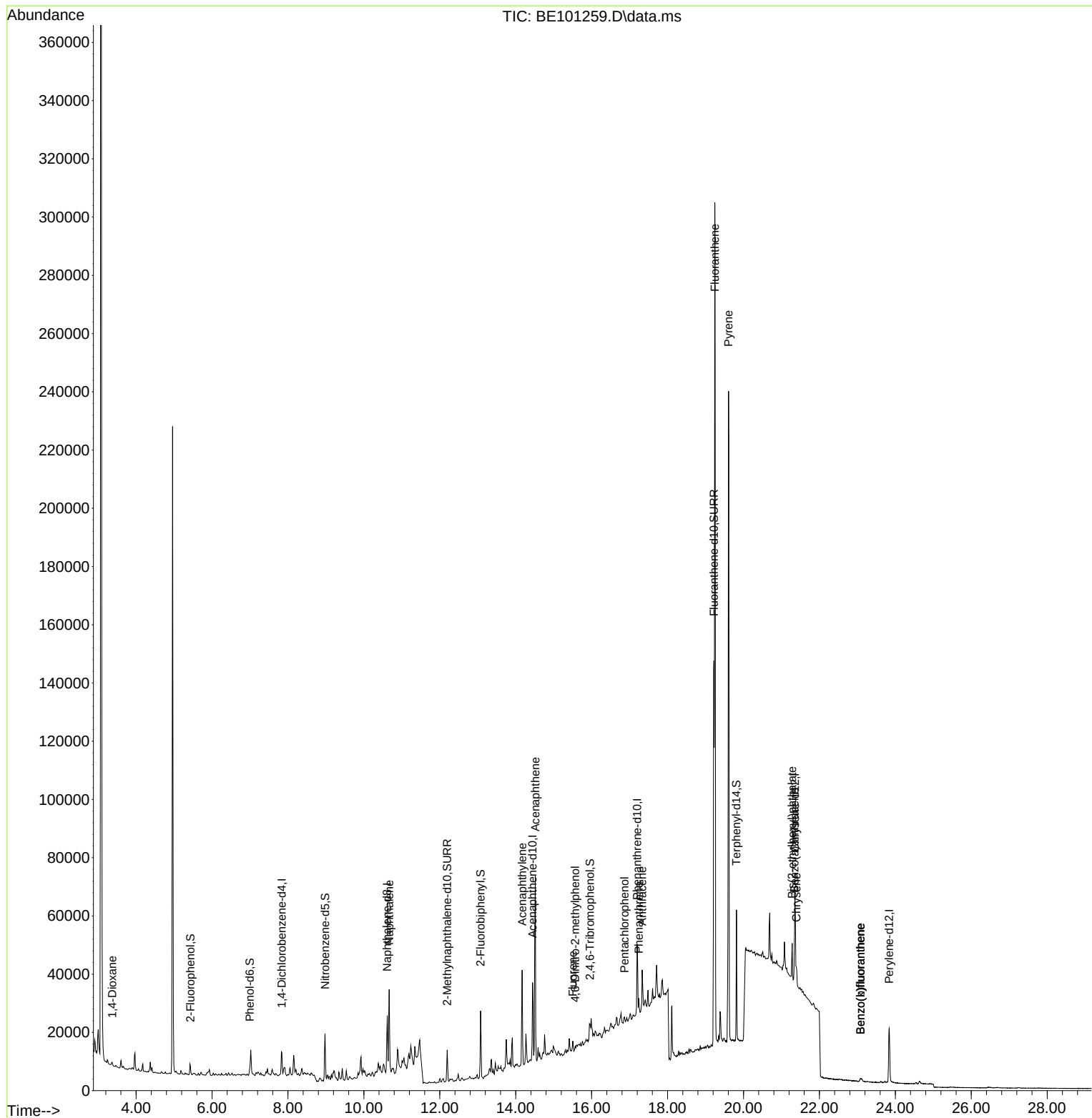
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	3926	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	20226	0.40	ng	# 0.00
13) Acenaphthene-d10	14.442	164	19846	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	37719	0.40	ng	#-0.01
29) Chrysene-d12	21.355	240	28207	0.40	ng	# 0.00
36) Perylene-d12	23.837	264	27759	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1891	0.20	ng	0.00
5) Phenol-d6	6.998	99	1891	0.13	ng	0.00
8) Nitrobenzene-d5	8.977	82	6039	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	13303	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	2808	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	19765	0.28	ng	0.00
27) Fluoranthene-d10	19.221	212	173105	0.26	ng	0.00
31) Terphenyl-d14	19.813	244	38840	0.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	553	0.09	ng	# 1
9) Naphthalene	10.666	128	44801	0.20	ng	# 98
16) Acenaphthylene	14.169	152	35834	0.46	ng	# 96
17) Acenaphthene	14.514	154	36309	0.63	ng	# 98
18) Fluorene	15.503	166	2761	0.04	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.563	198	154	0.10	ng	# 1
24) Pentachlorophenol	16.863	266	446	0.06	ng	# 90
25) Phenanthrene	17.241	178	5577	0.05	ng	# 72
26) Anthracene	17.332	178	20110	0.21	ng	# 90
28) Fluoranthene	19.244	202	264747	1.82	ng	# 99
30) Pyrene	19.606	202	208733	2.05	ng	# 94
32) Benzo(a)anthracene	21.342	228	10030	0.13	ng	# 79
33) Chrysene	21.391	228	6795	0.07	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.282	149	15571	0.27	ng	# 96
37) Benzo(b)fluoranthene	23.082	252	2030	0.02	ng	# 1
38) Benzo(k)fluoranthene	23.082	252	2030	0.02	ng	# 1

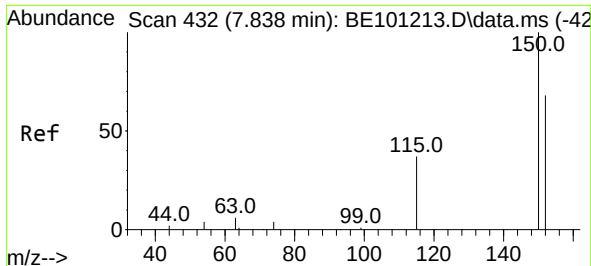
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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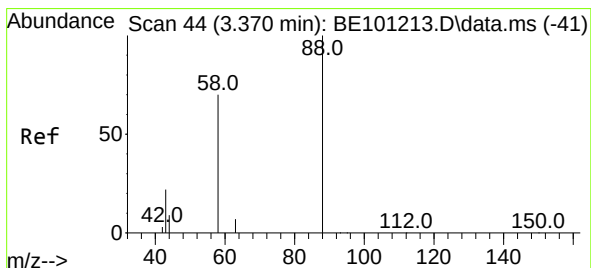
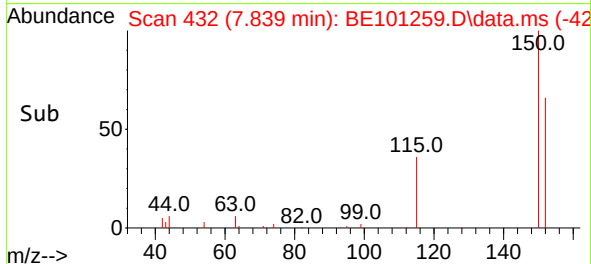
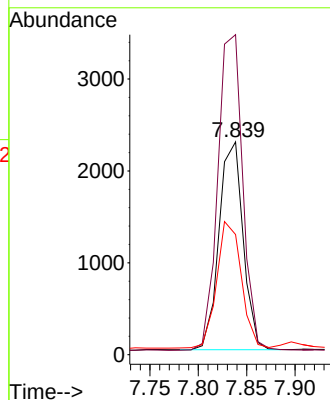
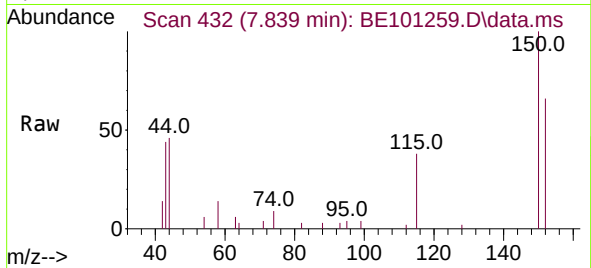




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.839 min Scan# 432
 Delta R.T. 0.009 min
 Lab File: BE101259.D
 Acq: 9 Apr 2021 3:16

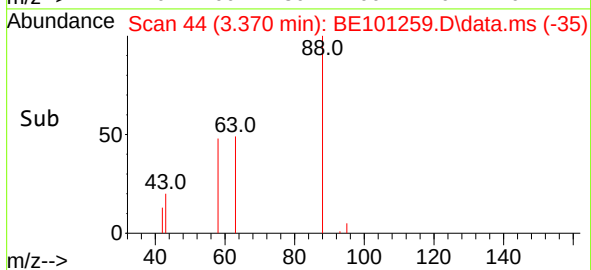
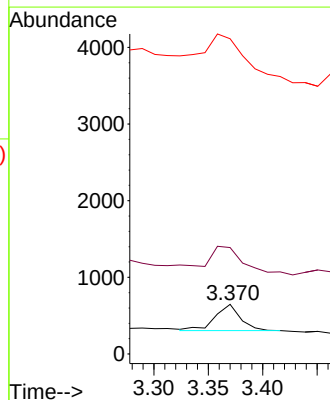
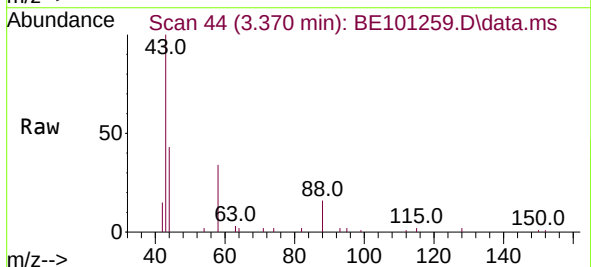
Instrument :
 BNA_E
 ClientSampleId :
 MW-122

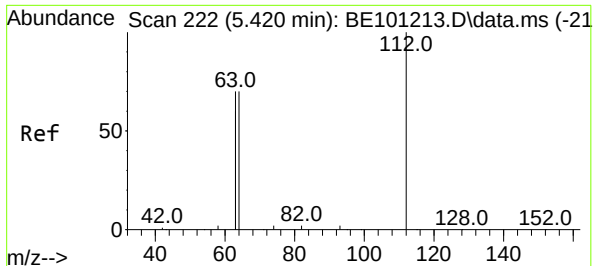
Tgt Ion:152 Resp: 3926
 Ion Ratio Lower Upper
 152 100
 150 150.4 116.9 175.3
 115 56.5 44.5 66.7



#2
 1,4-Dioxane
 Concen: 0.09 ng
 RT: 3.370 min Scan# 44
 Delta R.T. 0.009 min
 Lab File: BE101259.D
 Acq: 9 Apr 2021 3:16

Tgt Ion: 88 Resp: 553
 Ion Ratio Lower Upper
 88 100
 58 113.4 73.6 110.4#
 43 256.2 27.6 41.4#

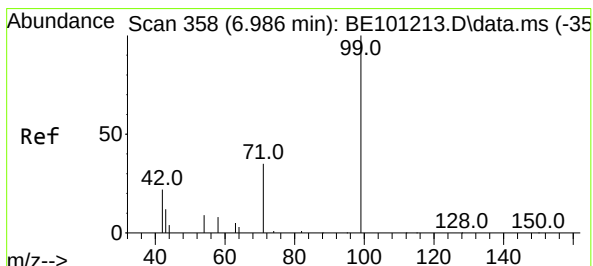
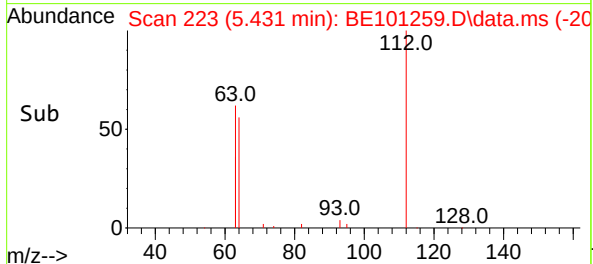
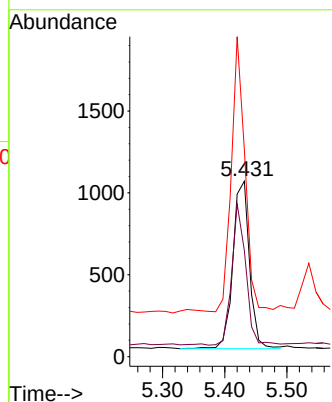
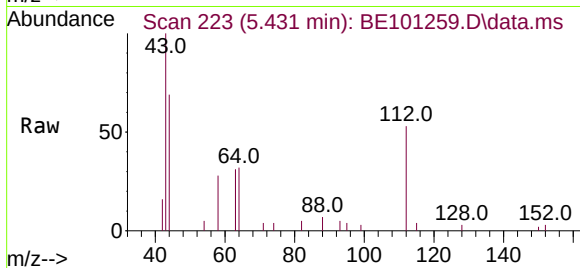




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.431 min Scan# 223
Delta R.T. 0.009 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

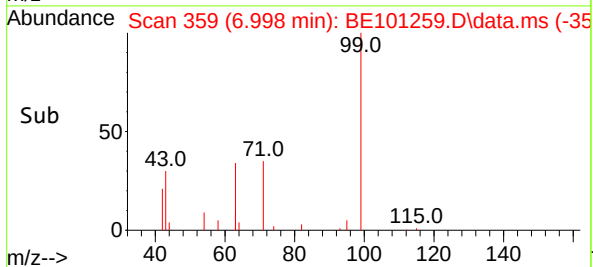
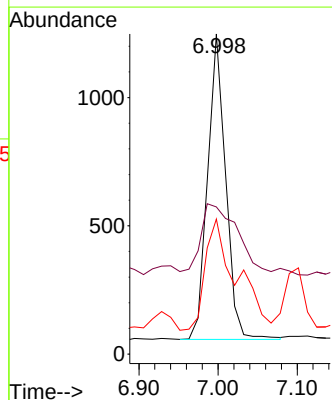
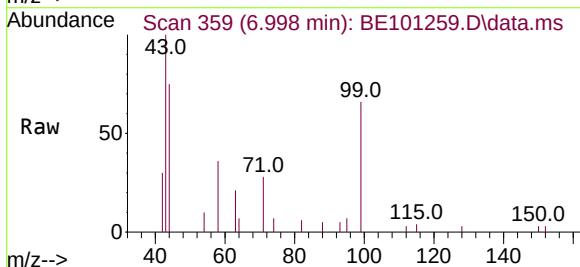
Instrument :
BNA_E
ClientSampleId :
MW-122

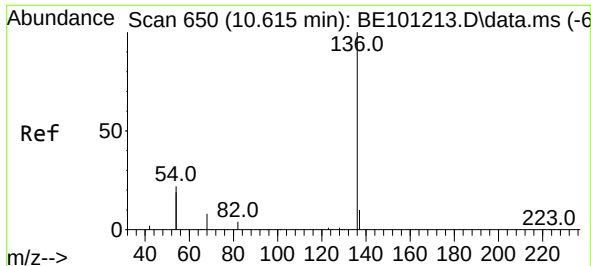
Tgt Ion:112 Resp: 1891
Ion Ratio Lower Upper
112 100
64 71.4 62.3 93.5
63 135.6 117.3 175.9



#5
Phenol-d6
Concen: 0.13 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.009 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion: 99 Resp: 1891
Ion Ratio Lower Upper
99 100
42 49.1 18.5 27.7#
71 63.0 26.5 39.7#

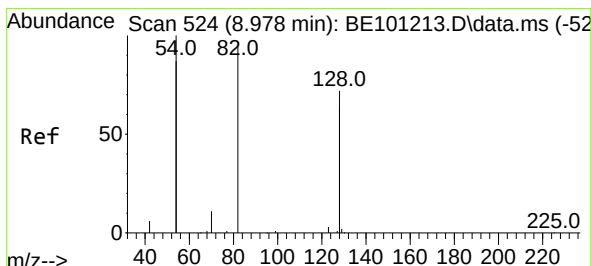
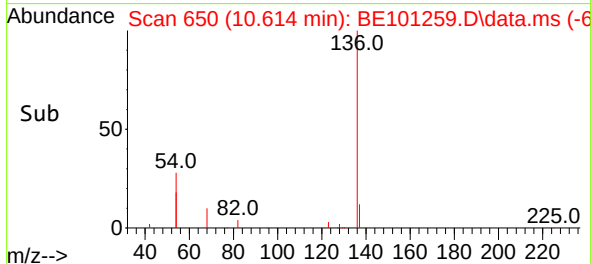
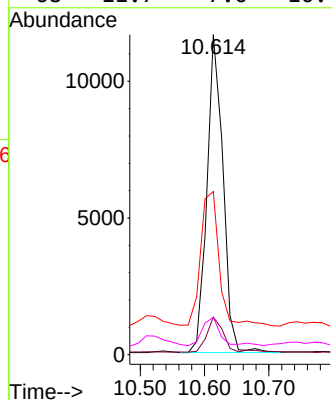
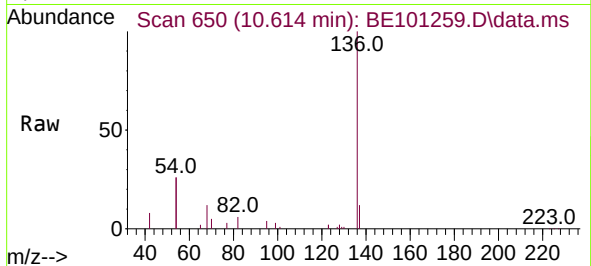




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

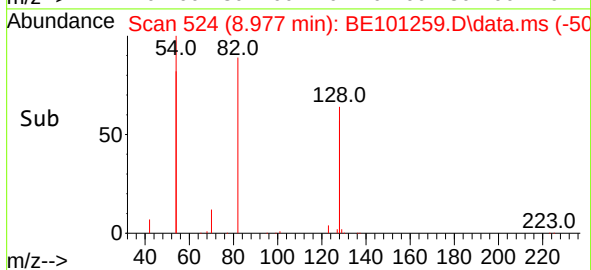
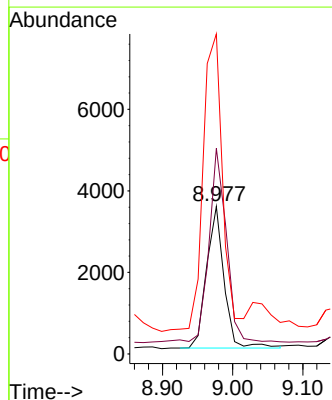
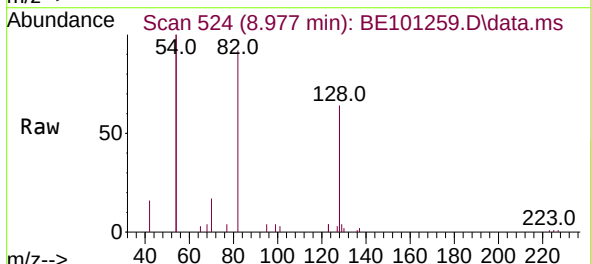
Instrument :
BNA_E
ClientSampleId :
MW-122

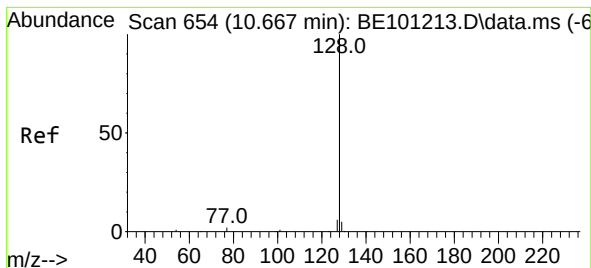
Tgt Ion:	136	Resp:	20226
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	13.0
54	51.0	34.7	52.1
68	11.7	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:	82	Resp:	6039
Ion Ratio	Lower	Upper	
82	100		
128	139.3	118.7	178.1
54	216.9	164.4	246.6

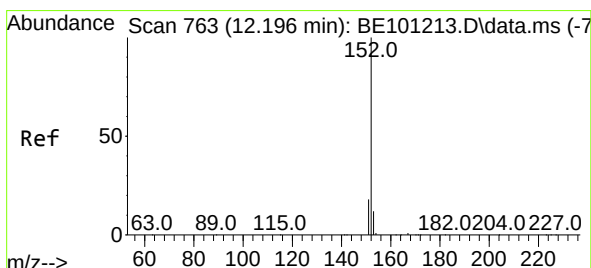
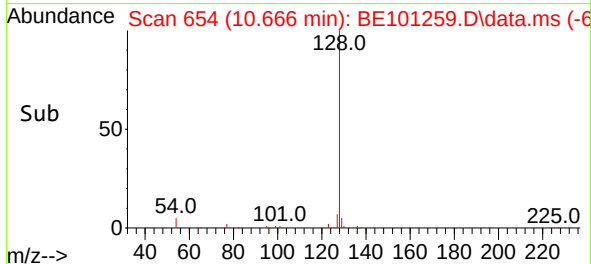
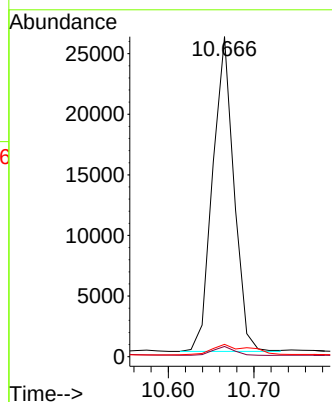
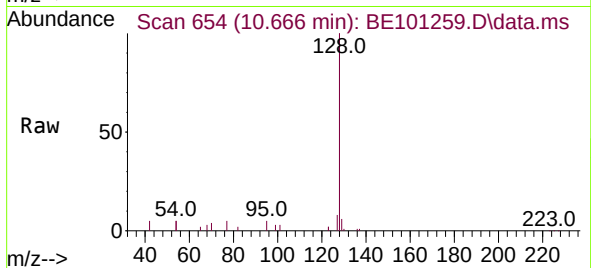




#9
Naphthalene
Concen: 0.20 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

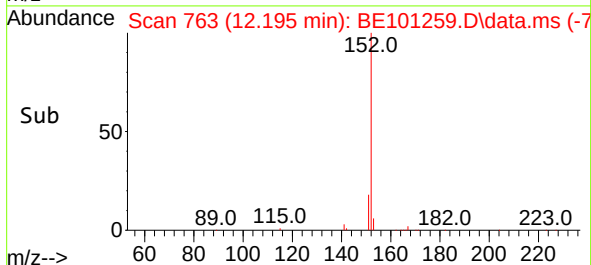
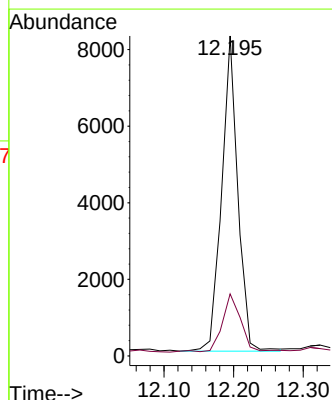
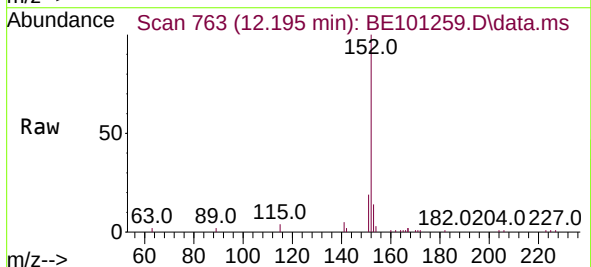
Instrument :
BNA_E
ClientSampleId :
MW-122

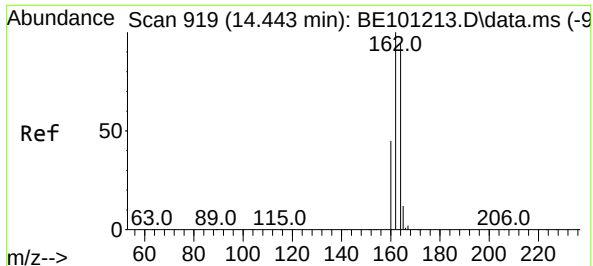
Tgt Ion:128 Resp: 44801
Ion Ratio Lower Upper
128 100
129 3.2 2.2 3.4
127 3.9 2.6 3.8#



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:152 Resp: 13303
Ion Ratio Lower Upper
152 100
151 21.5 16.5 24.7

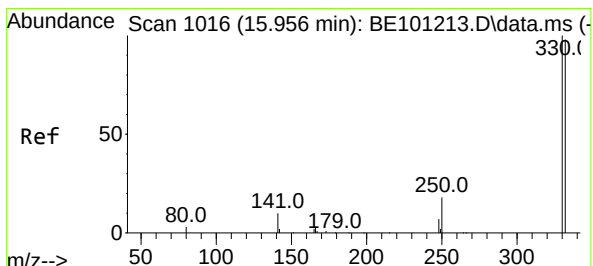
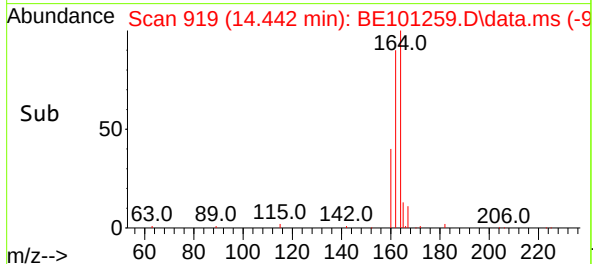
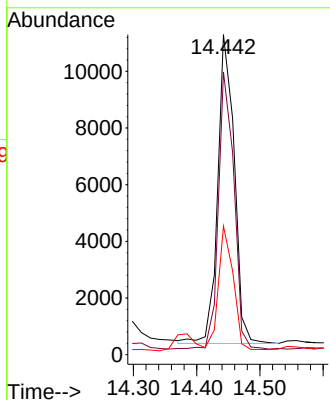
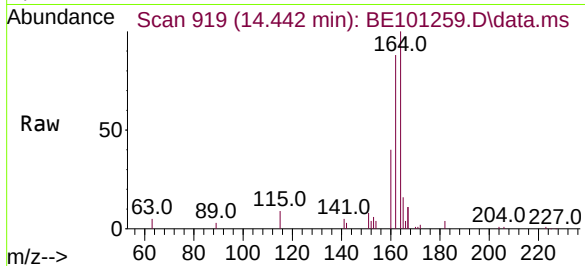




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

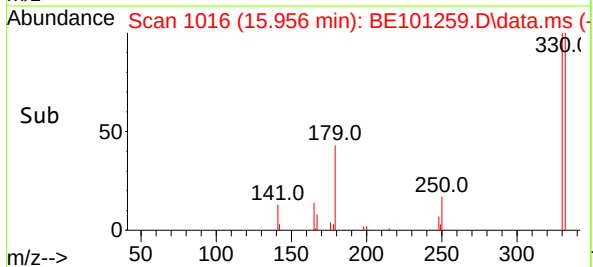
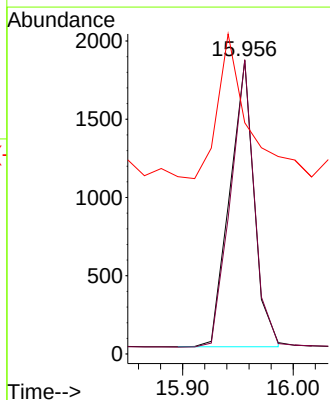
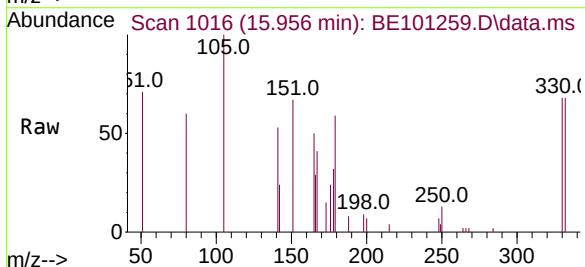
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ClientSampleId :
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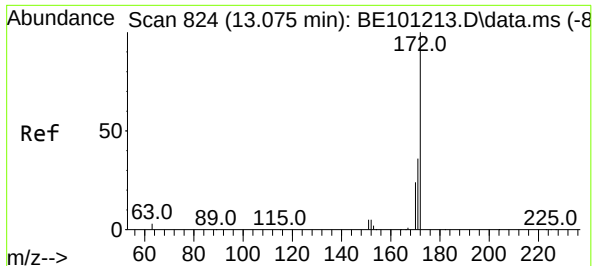
Tgt Ion:164 Resp: 19846
Ion Ratio Lower Upper
164 100
162 88.3 85.3 127.9
160 40.2 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:330 Resp: 2808
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 56.3 30.4 45.6#

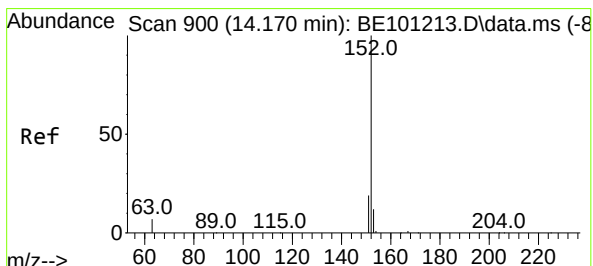
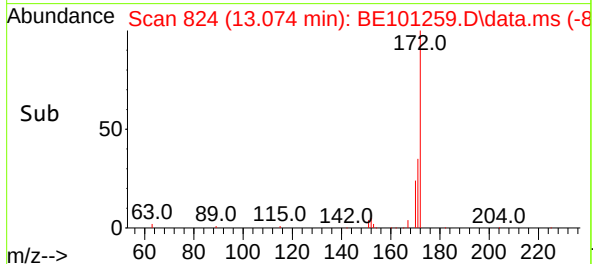
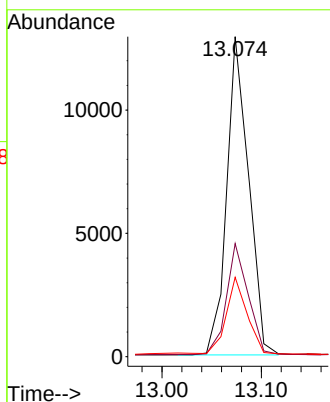
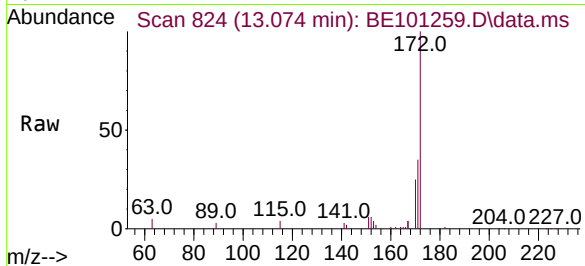




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

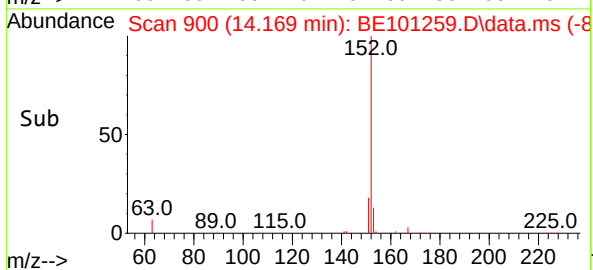
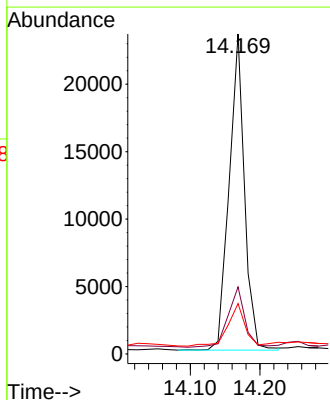
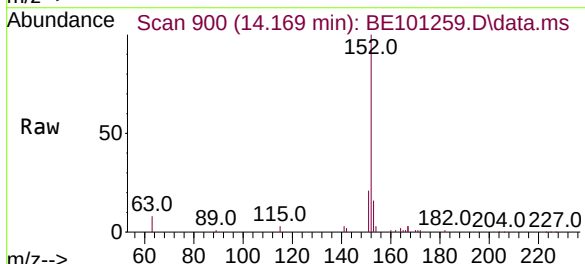
Instrument :
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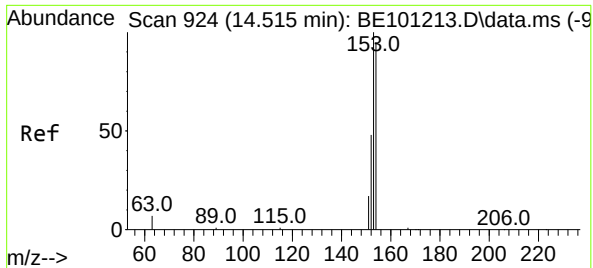
Tgt Ion:172	Resp:	19765
Ion Ratio	Lower	Upper
172	100	
171	35.4	28.7 43.1
170	24.8	19.3 28.9



#16
Acenaphthylene
Concen: 0.46 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:152	Resp:	35834
Ion Ratio	Lower	Upper
152	100	
151	20.5	15.4 23.2
153	15.2	10.0 15.0#

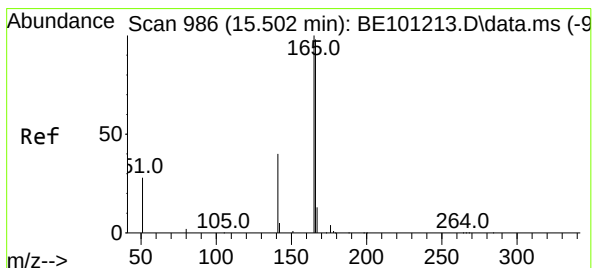
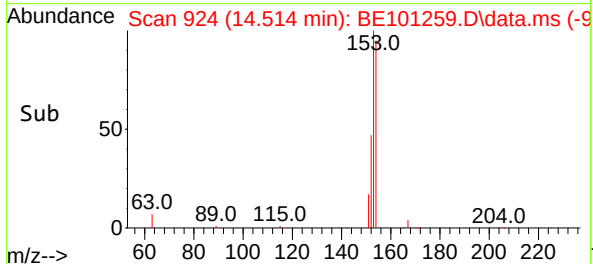
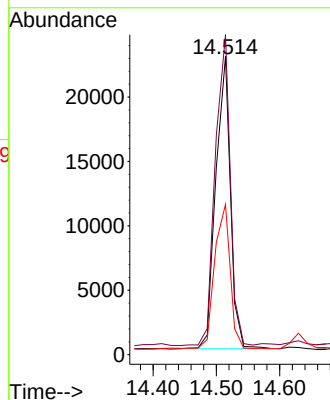
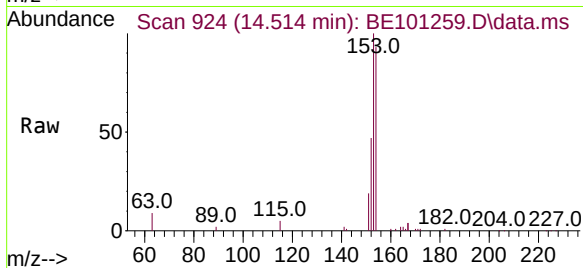




#17
Acenaphthene
Concen: 0.63 ng
RT: 14.514 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

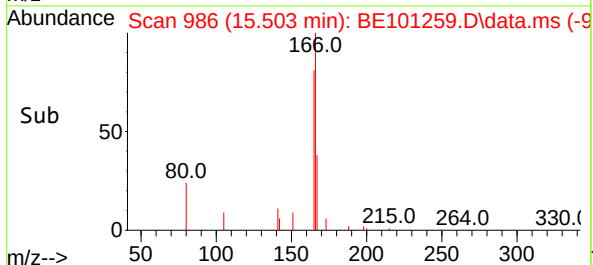
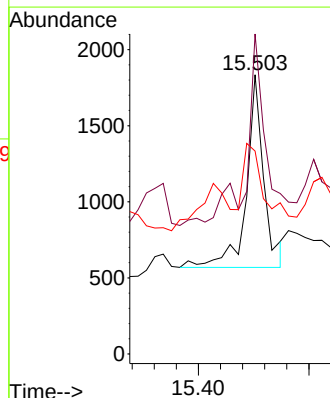
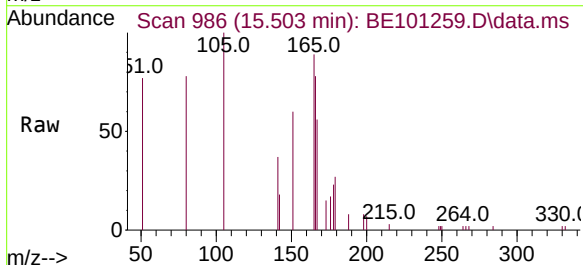
Instrument :
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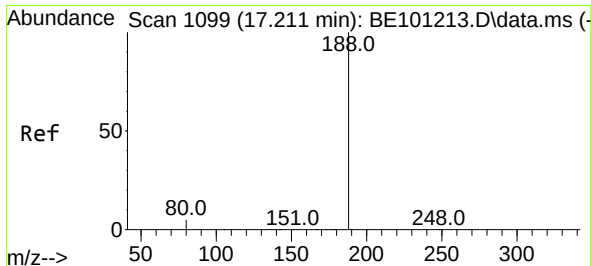
Tgt Ion:	154	Resp:	36309
Ion Ratio	Lower	Upper	
154	100		
153	108.9	84.9	127.3
152	52.1	42.7	64.1



#18
Fluorene
Concen: 0.04 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:	166	Resp:	2761
Ion Ratio	Lower	Upper	
166	100		
165	118.6	79.0	118.4#
167	39.4	11.0	16.4#

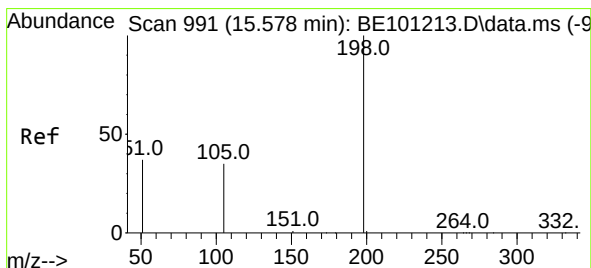
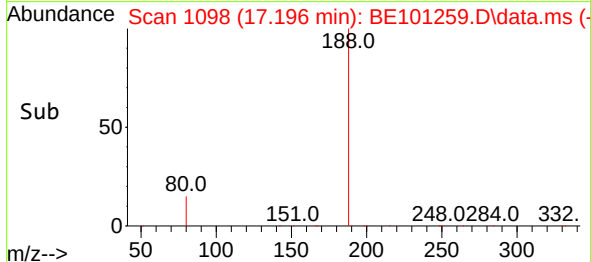
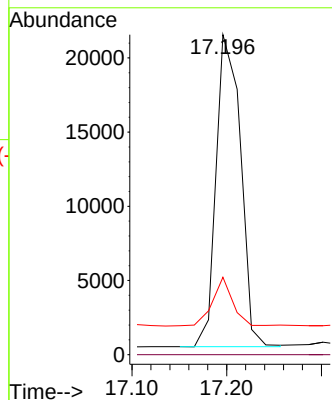
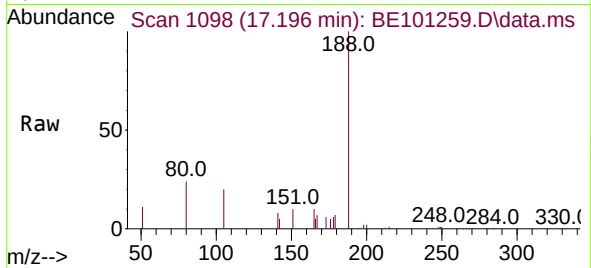




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. -0.014 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

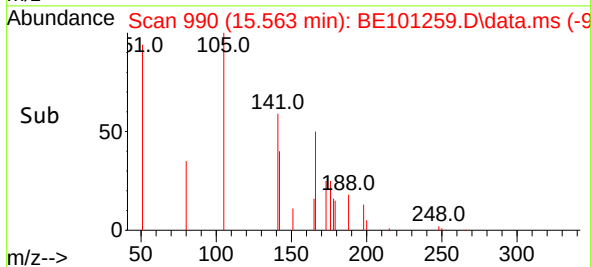
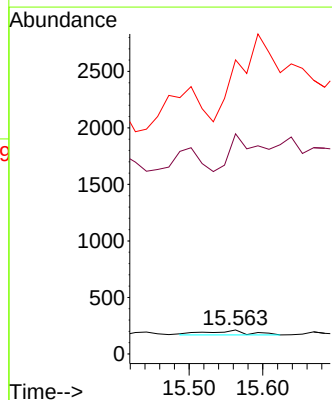
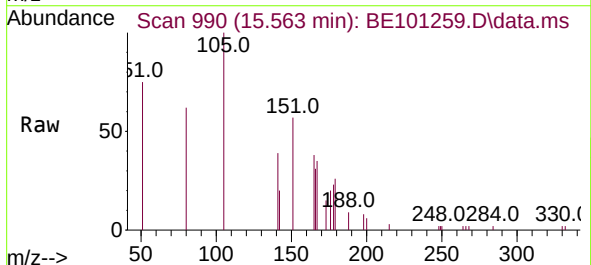
Instrument :
BNA_E
ClientSampleId :
MW-122

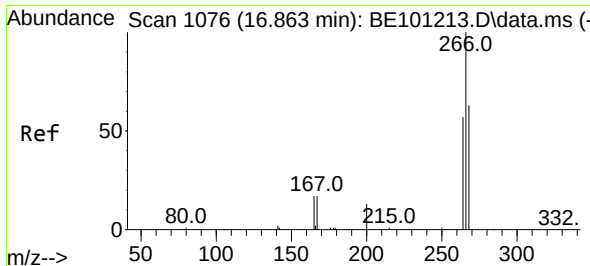
Tgt Ion:188 Resp: 37719
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 24.2 4.6 6.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.563 min Scan# 990
Delta R.T. -0.014 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:198 Resp: 154
Ion Ratio Lower Upper
198 100
51 918.9 55.9 83.9#
105 1227.4 33.6 50.4#

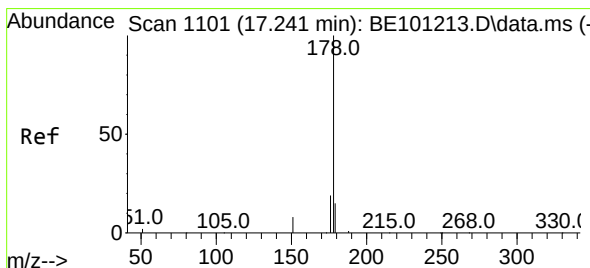
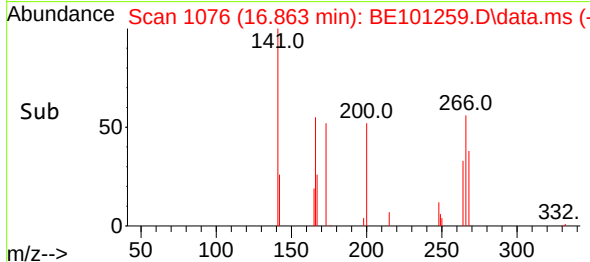
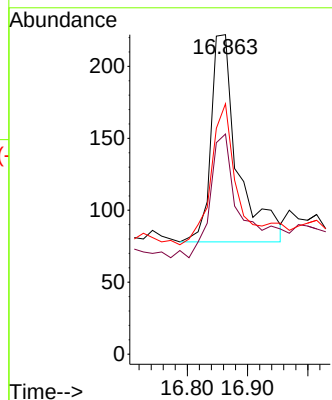
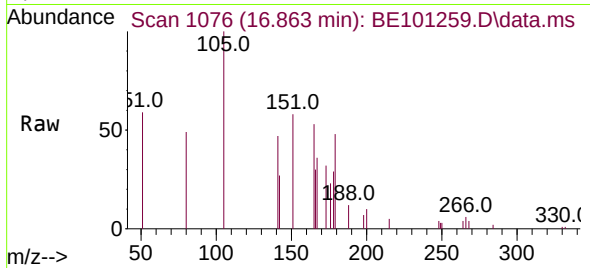




#24
Pentachlorophenol
Concen: 0.06 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

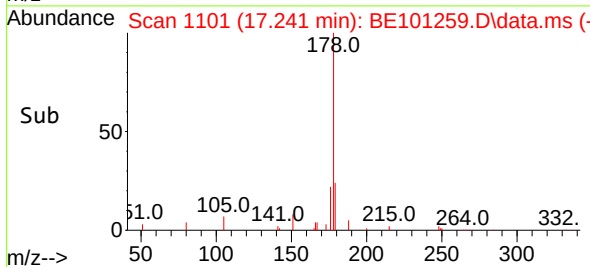
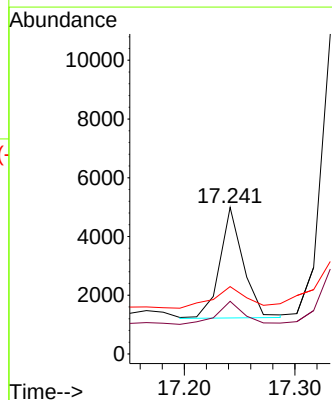
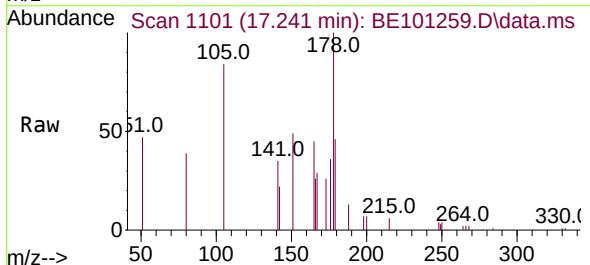
Instrument :
BNA_E
ClientSampleId :
MW-122

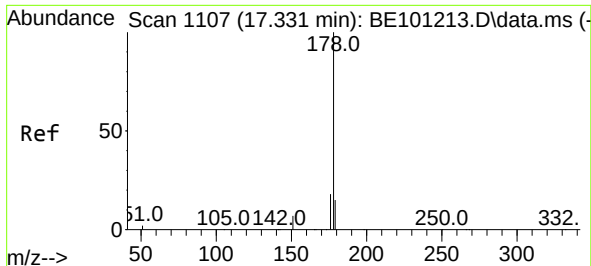
Tgt Ion:266 Resp: 446
Ion Ratio Lower Upper
266 100
264 75.6 49.1 73.7#
268 64.1 50.6 76.0



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:178 Resp: 5577
Ion Ratio Lower Upper
178 100
176 23.7 15.0 22.6#
179 35.4 12.2 18.4#

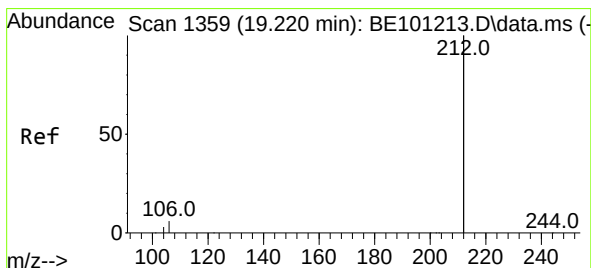
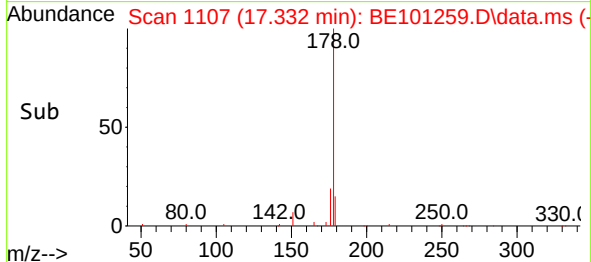
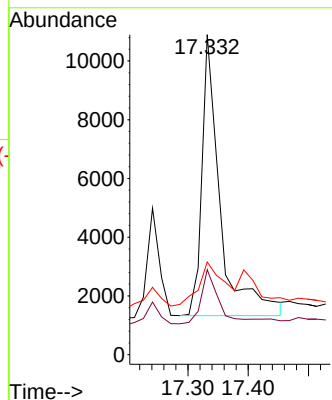
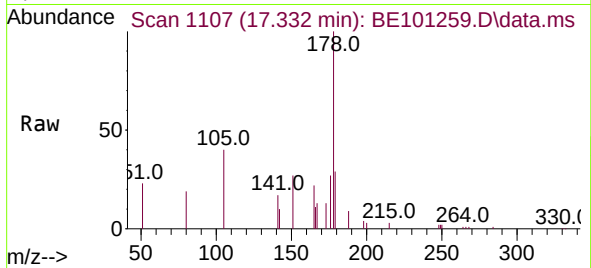




#26
 Anthracene
 Concen: 0.21 ng
 RT: 17.332 min Scan# 1107
 Delta R.T. 0.001 min
 Lab File: BE101259.D
 Acq: 9 Apr 2021 3:16

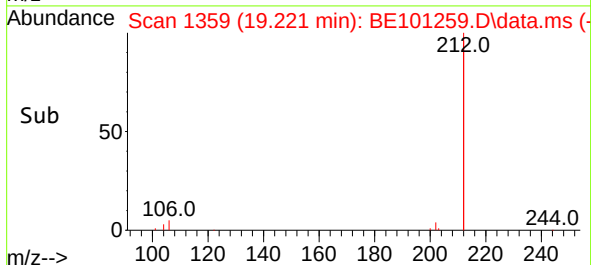
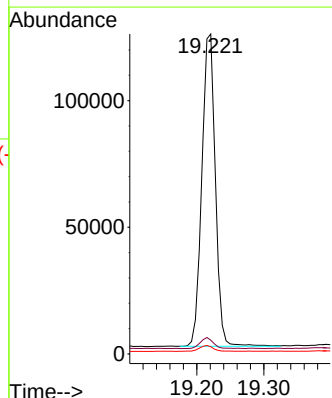
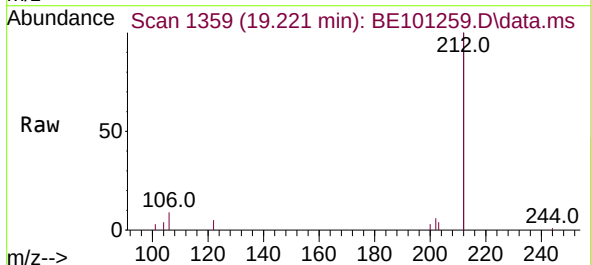
Instrument :
 BNA_E
 ClientSampleId :
 MW-122

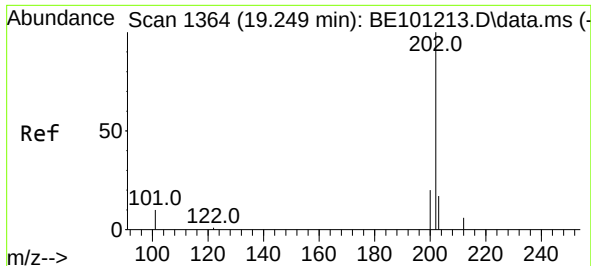
Tgt Ion:178 Resp: 20110
 Ion Ratio Lower Upper
 178 100
 176 20.4 14.4 21.6
 179 21.6 11.8 17.8#



#27
 Fluoranthene-d10
 Concen: 0.26 ng
 RT: 19.221 min Scan# 1359
 Delta R.T. 0.006 min
 Lab File: BE101259.D
 Acq: 9 Apr 2021 3:16

Tgt Ion:212 Resp: 173105
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 1.4 2.2

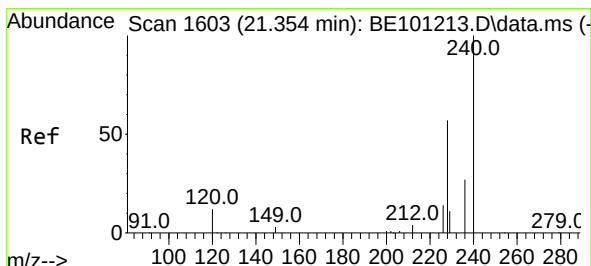
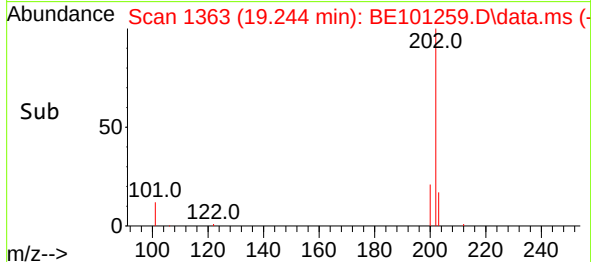
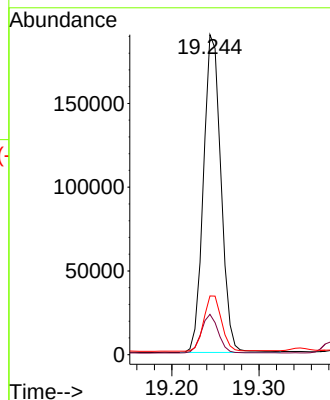
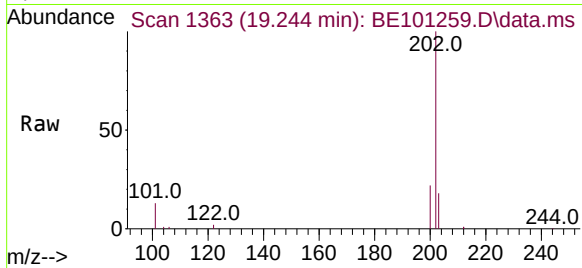




#28
Fluoranthene
Concen: 1.82 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

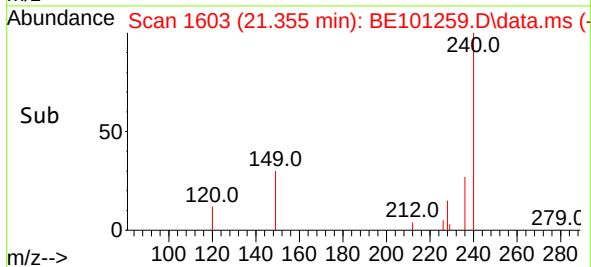
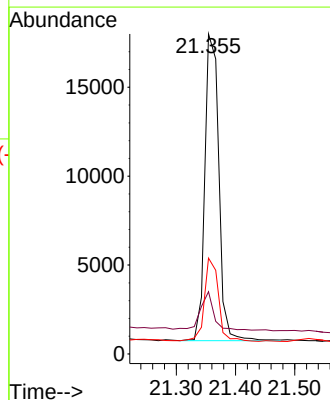
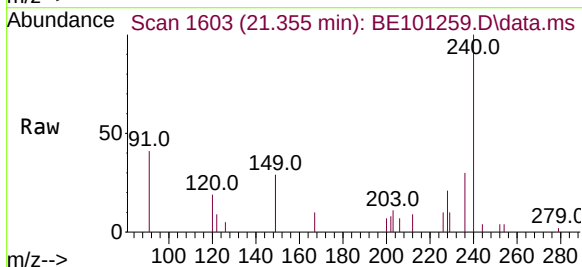
Instrument :
BNA_E
ClientSampleId :
MW-122

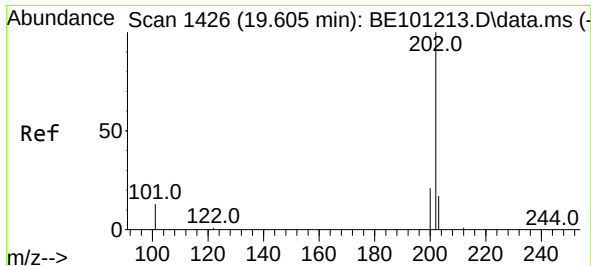
Tgt Ion:202 Resp: 264747
Ion Ratio Lower Upper
202 100
101 11.8 9.1 13.7
203 17.6 13.6 20.4



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:240 Resp: 28207
Ion Ratio Lower Upper
240 100
120 19.4 10.2 15.4#
236 30.0 21.7 32.5

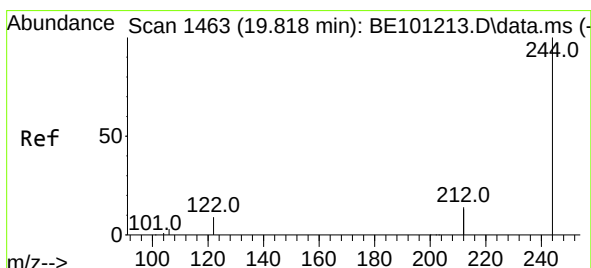
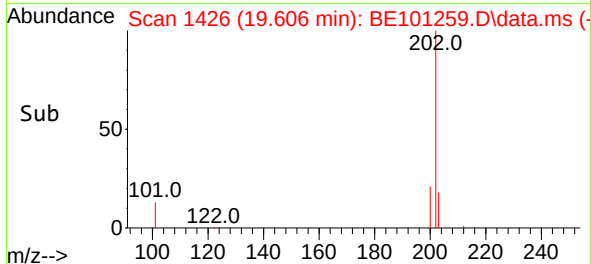
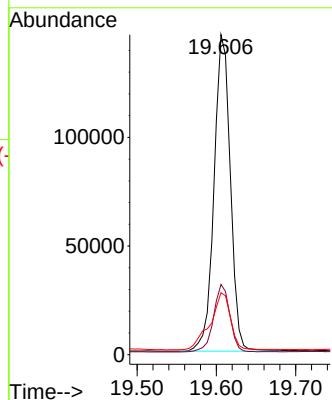
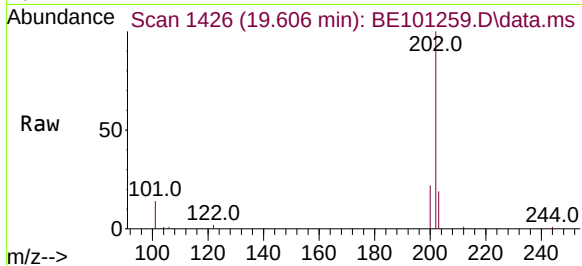




#30
Pyrene
Concen: 2.05 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

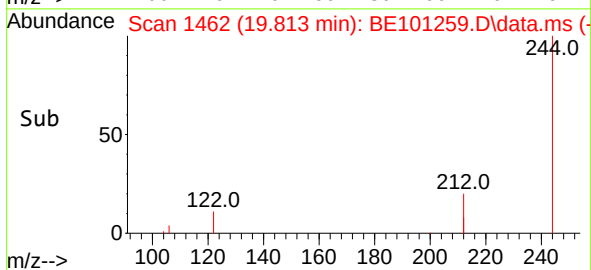
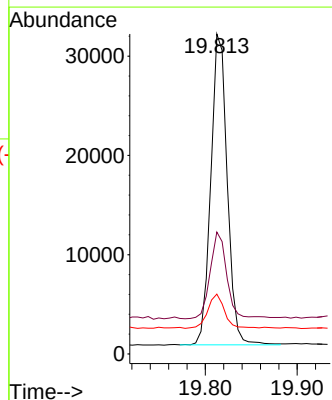
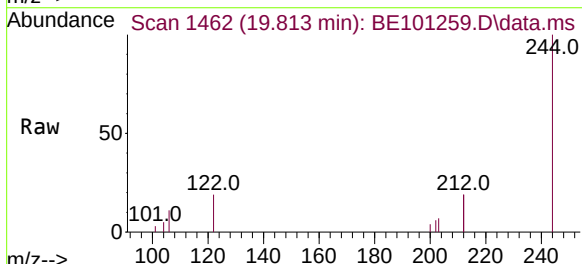
Instrument :
BNA_E
ClientSampleId :
MW-122

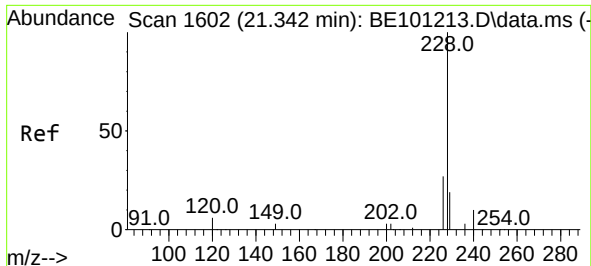
Tgt Ion:202 Resp: 208733
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 22.4 13.8 20.8#



#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:244 Resp: 38840
Ion Ratio Lower Upper
244 100
212 38.1 21.9 32.9#
122 18.7 7.3 10.9#

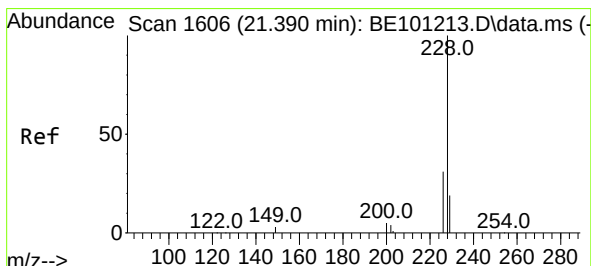
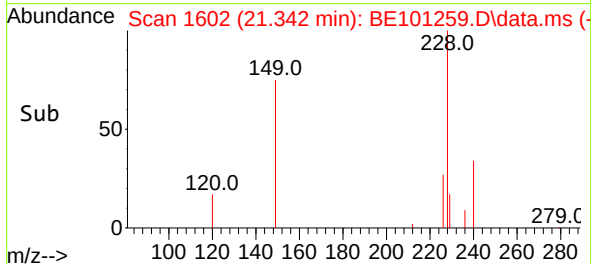
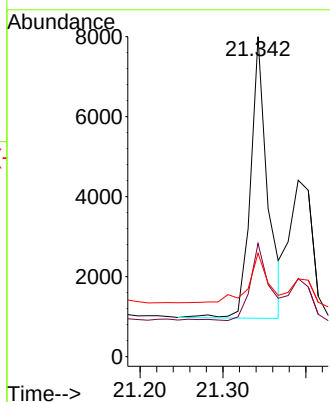
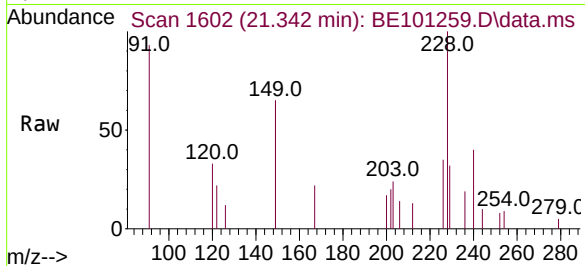




#32
Benzo(a)anthracene
Concen: 0.13 ng
RT: 21.342 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

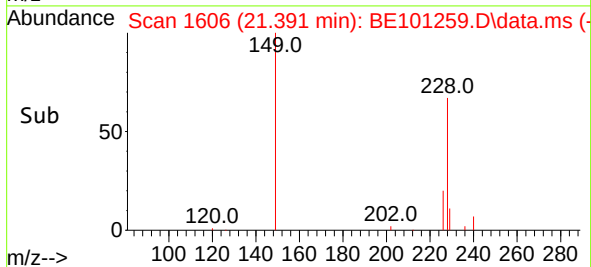
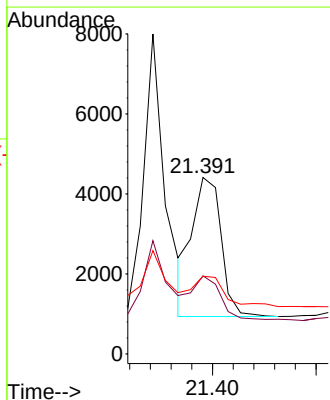
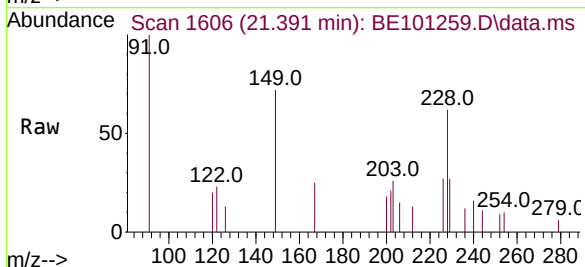
Instrument :
BNA_E
ClientSampleId :
MW-122

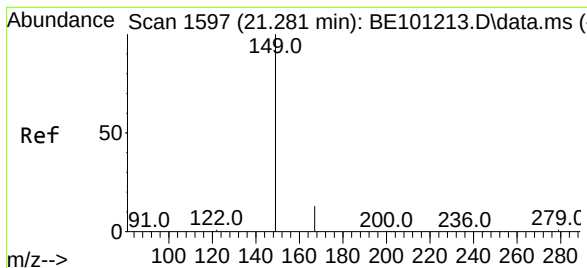
Tgt Ion:228 Resp: 10030
Ion Ratio Lower Upper
228 100
226 35.4 21.4 32.2#
229 32.3 15.7 23.5#



#33
Chrysene
Concen: 0.07 ng
RT: 21.391 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:228 Resp: 6795
Ion Ratio Lower Upper
228 100
226 44.3 24.8 37.2#
229 44.1 15.2 22.8#

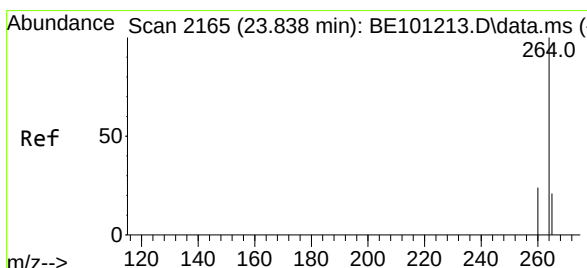
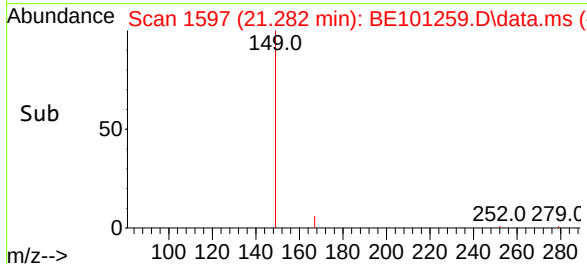
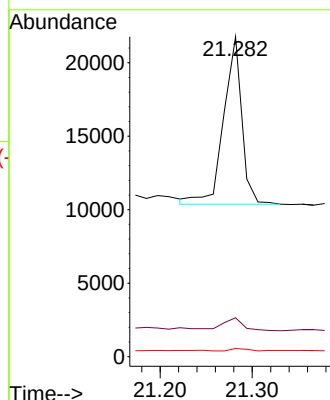
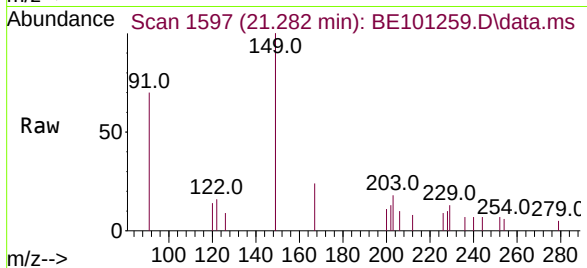




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.282 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

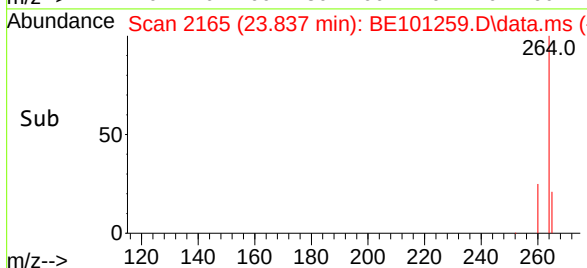
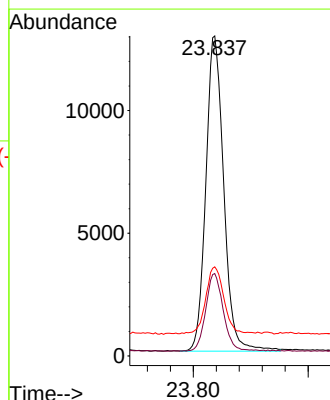
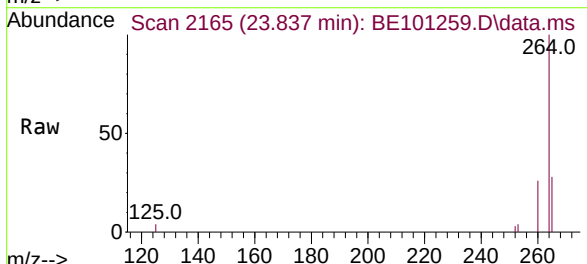
Instrument :
BNA_E
ClientSampleId :
MW-122

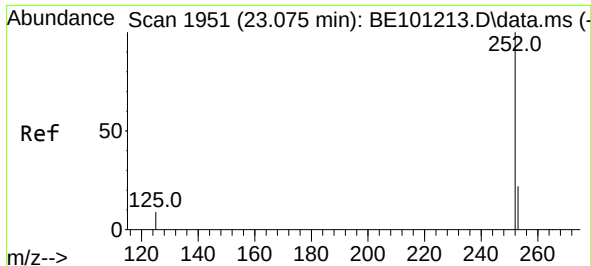
Tgt Ion:149 Resp: 15571
Ion Ratio Lower Upper
149 100
167 8.5 5.5 8.3#
279 1.4 1.0 1.4#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2165
Delta R.T. 0.003 min
Lab File: BE101259.D
Acq: 9 Apr 2021 3:16

Tgt Ion:264 Resp: 27759
Ion Ratio Lower Upper
264 100
260 25.8 19.3 28.9
265 27.9 22.4 33.6





#37

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 23.082 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BE101259.D

Acq: 9 Apr 2021 3:16

Tgt Ion:252 Resp: 2030

Ion Ratio Lower Upper

252 100

253 63.0 18.1 27.1#

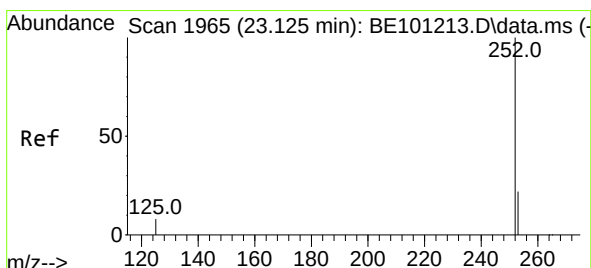
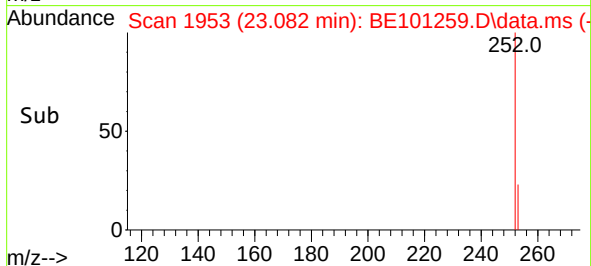
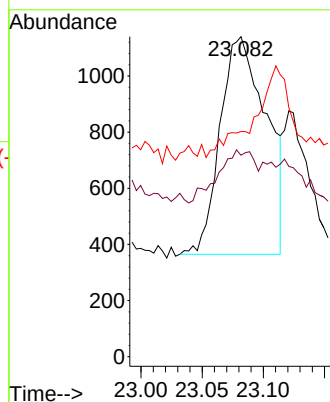
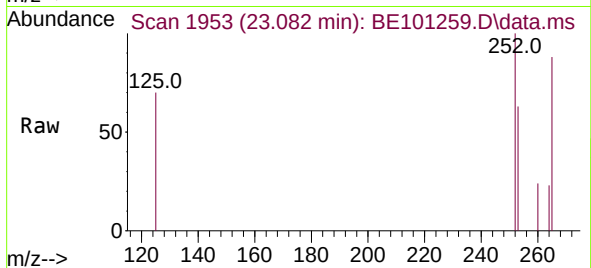
125 70.4 7.6 11.4#

Instrument :

BNA_E

ClientSampleId :

MW-122



#38

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 23.082 min Scan# 1953

Delta R.T. -0.044 min

Lab File: BE101259.D

Acq: 9 Apr 2021 3:16

Tgt Ion:252 Resp: 2030

Ion Ratio Lower Upper

252 100

253 63.0 17.8 26.6#

125 70.4 7.6 11.4#

