

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
 Data File : BE101236.D
 Acq On : 7 Apr 2021 19:50
 Operator : CG/JU
 Sample : M1951-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SW-2

Quant Time: Apr 08 03:23:54 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)

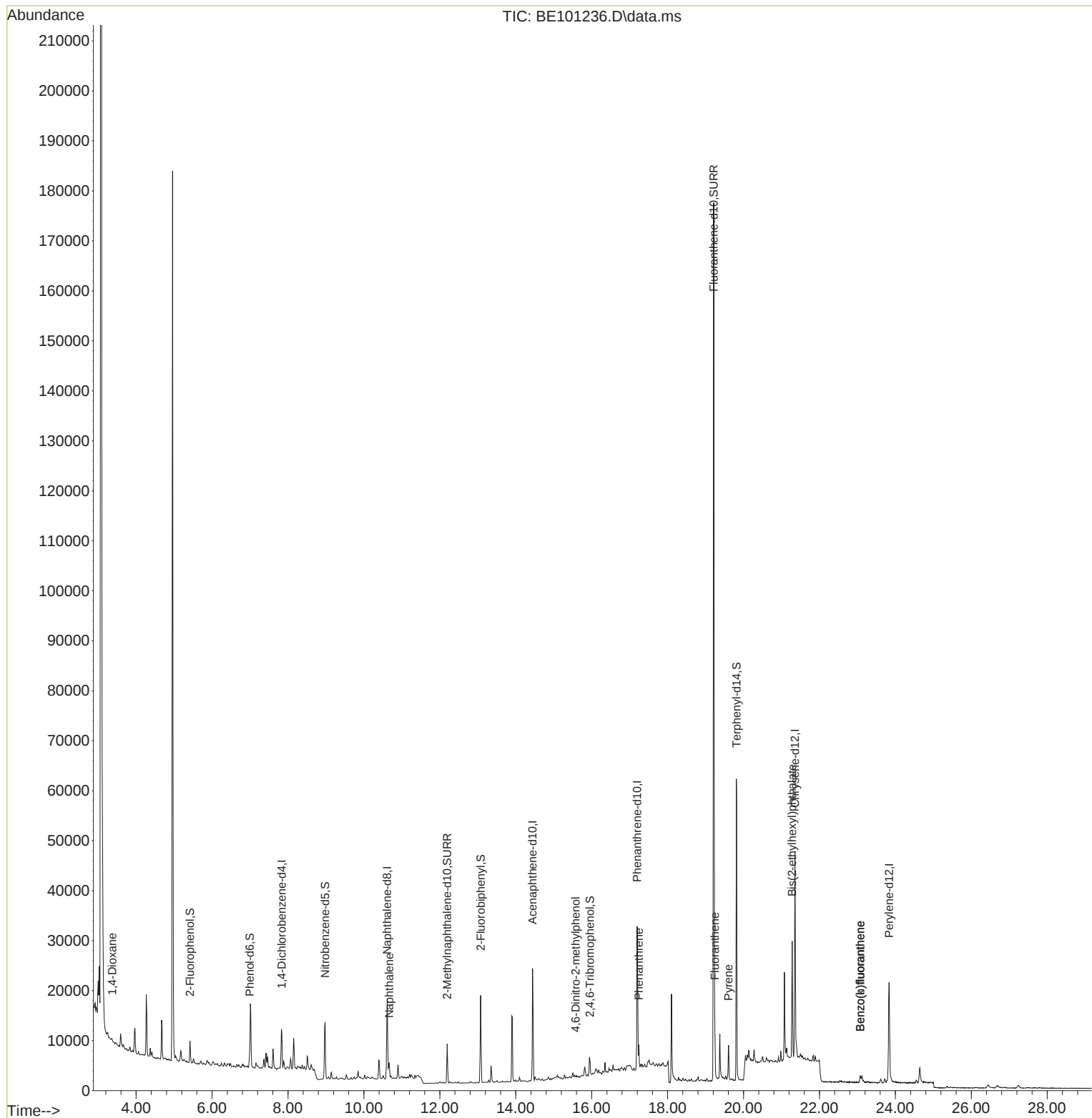
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	3502	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	16641	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	13021	0.40	ng	0.00
19) Phenanthrene-d10	17.197	188	40431	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	39156	0.40	ng	# 0.00
36) Perylene-d12	23.834	264	30198	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1970	0.24	ng	0.00
5) Phenol-d6	6.998	99	2140	0.17	ng	0.00
8) Nitrobenzene-d5	8.978	82	4529	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	9662	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2169	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	14980	0.32	ng	0.00
27) Fluoranthene-d10	19.214	212	231261	0.33	ng	0.00
31) Terphenyl-d14	19.817	244	55557	0.53	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	287	0.05	ng	# 14
9) Naphthalene	10.667	128	5057	0.03	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.579	198	29	0.07	ng	# 1
25) Phenanthrene	17.242	178	4911	0.04	ng	# 88
28) Fluoranthene	19.243	202	6910	0.04	ng	# 93
30) Pyrene	19.605	202	6264	0.04	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.282	149	30829	0.39	ng	# 98
37) Benzo(b)fluoranthene	23.075	252	2368	0.02	ng	# 48
38) Benzo(k)fluoranthene	23.075	252	2368	0.02	ng	# 47

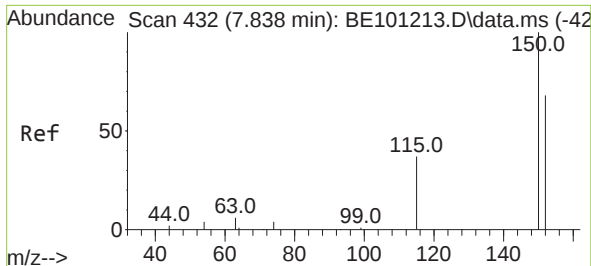
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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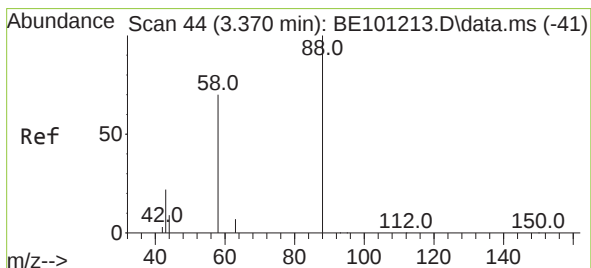
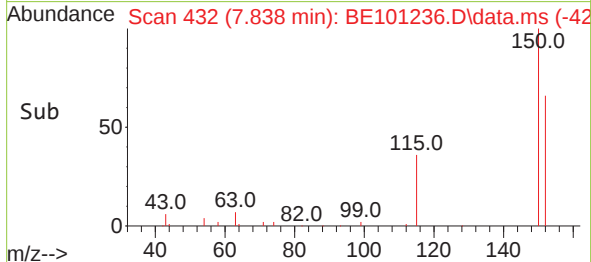
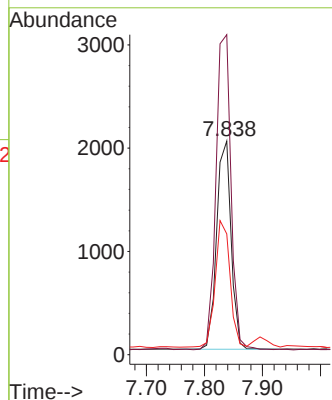
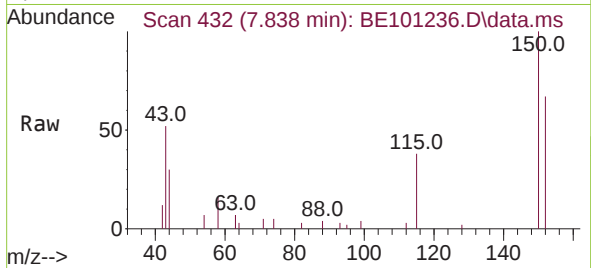


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.838 min Scan# 432
 Delta R.T. 0.008 min
 Lab File: BE101236.D
 Acq: 7 Apr 2021 19:50

Instrument :
 BNA_E
 ClientSampled :
 SW-2

Tgt Ion: 152 Resp: 3502

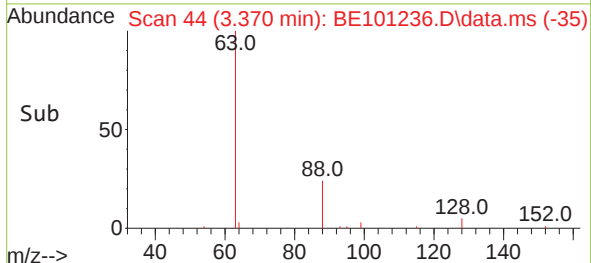
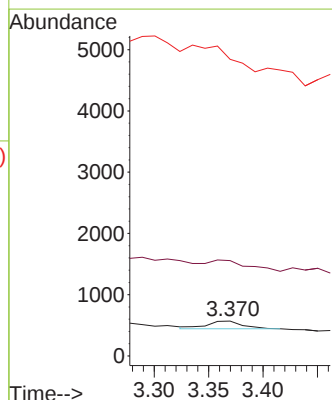
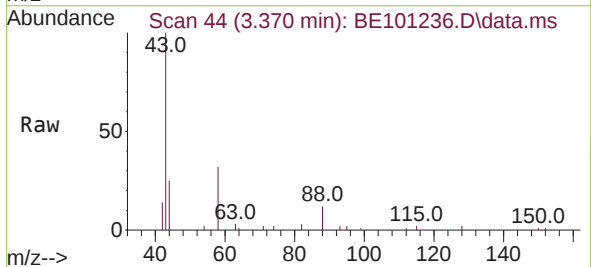
Ion	Ratio	Lower	Upper
152	100		
150	149.9	116.9	175.3
115	56.6	44.5	66.7

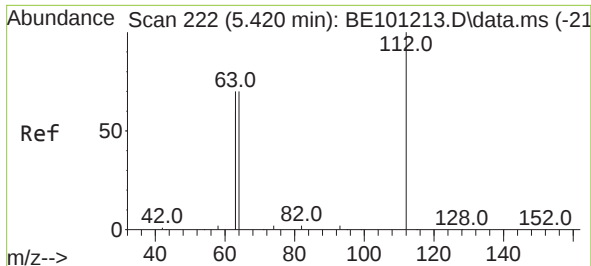


#2
 1,4-Dioxane
 Concen: 0.05 ng
 RT: 3.370 min Scan# 44
 Delta R.T. 0.009 min
 Lab File: BE101236.D
 Acq: 7 Apr 2021 19:50

Tgt Ion: 88 Resp: 287

Ion	Ratio	Lower	Upper
88	100		
58	0.0	73.6	110.4#
43	0.0	27.6	41.4#

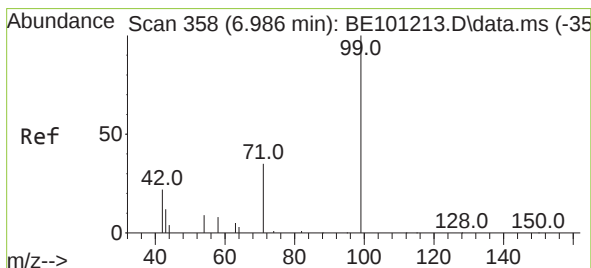
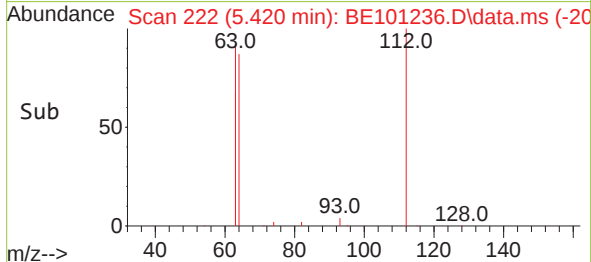
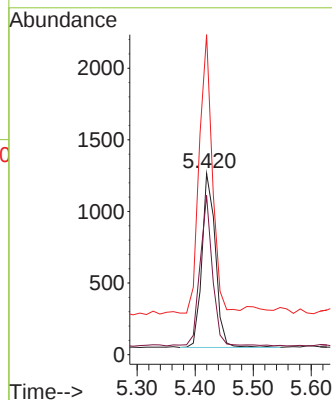
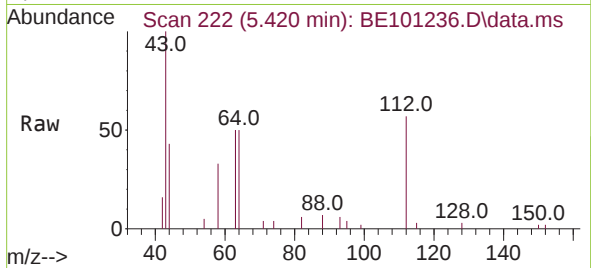




#4
2-Fluorophenol
Concen: 0.24 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.003 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

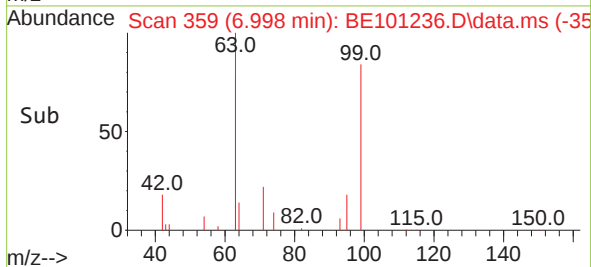
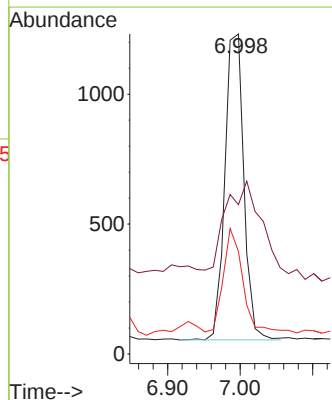
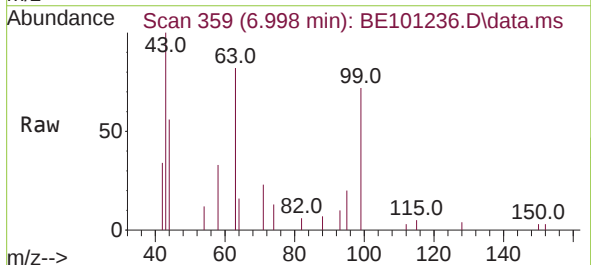
Instrument :
BNA_E
ClientSampleId :
SW-2

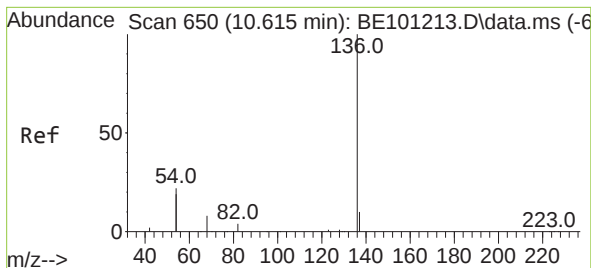
Tgt Ion:112 Resp: 1970
Ion Ratio Lower Upper
112 100
64 80.5 62.3 93.5
63 158.3 117.3 175.9



#5
Phenol-d6
Concen: 0.17 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.009 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Tgt Ion: 99 Resp: 2140
Ion Ratio Lower Upper
99 100
42 67.3 18.5 27.7#
71 0.0 26.5 39.7#

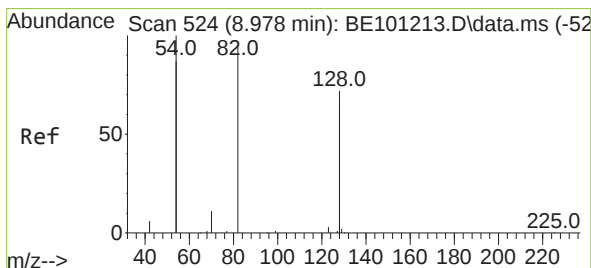
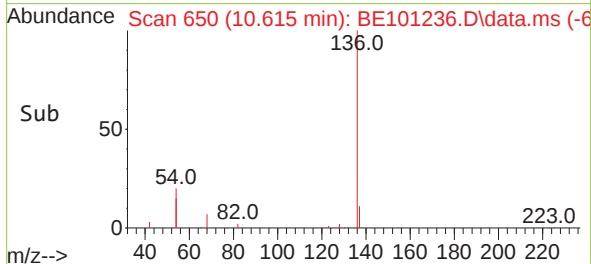
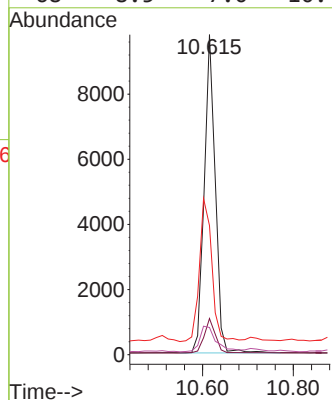
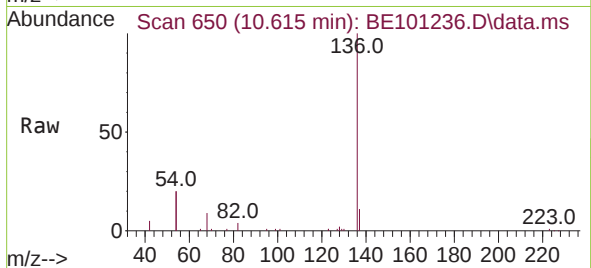




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.001 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

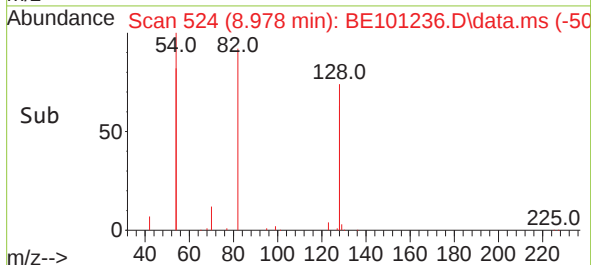
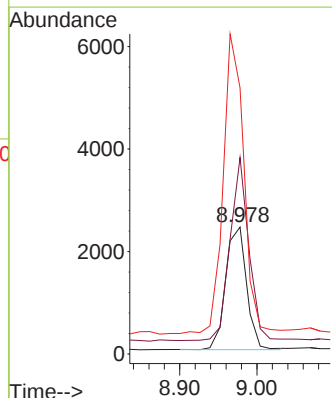
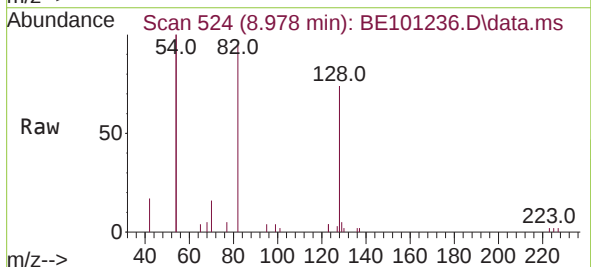
Instrument :
BNA_E
ClientSampleId :
SW-2

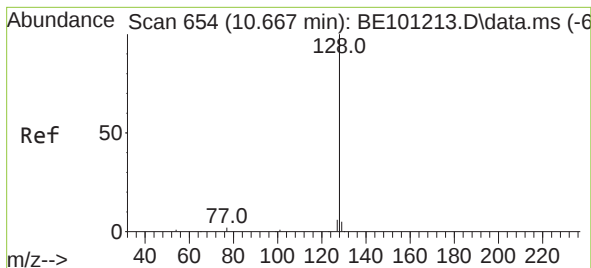
Tgt Ion:	136	Resp:	16641
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	40.3	34.7	52.1
68	8.5	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.001 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Tgt Ion:	82	Resp:	4529
Ion Ratio	Lower	Upper	
82	100		
128	154.8	118.7	178.1
54	209.7	164.4	246.6





#9

Naphthalene

Concen: 0.03 ng

RT: 10.667 min Scan# 654

Delta R.T. 0.001 min

Lab File: BE101236.D

Acq: 7 Apr 2021 19:50

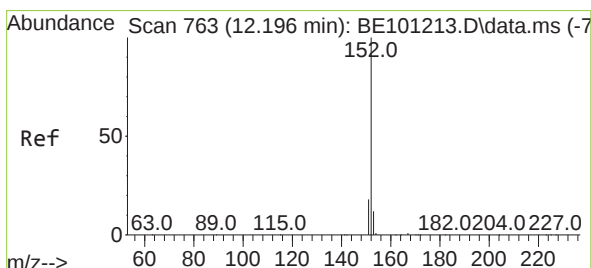
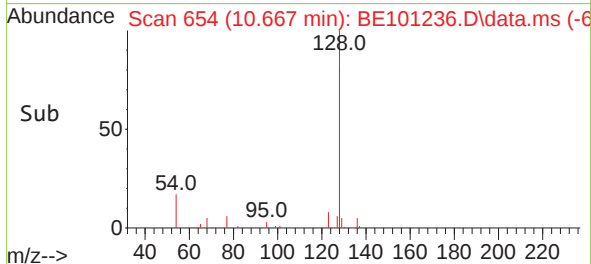
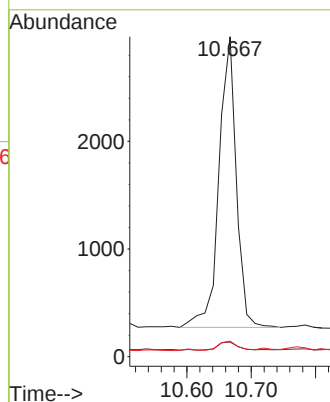
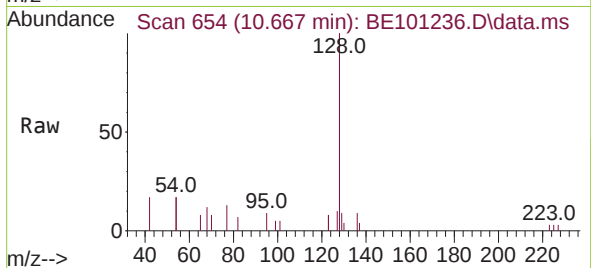
Instrument :

BNA_E

ClientSampleId :

SW-2

Tgt Ion:	128	Resp:	5057
Ion	Ratio	Lower	Upper
128	100		
129	4.6	2.2	3.4#
127	4.8	2.6	3.8#



#11

2-Methylnaphthalene-d10

Concen: 0.25 ng

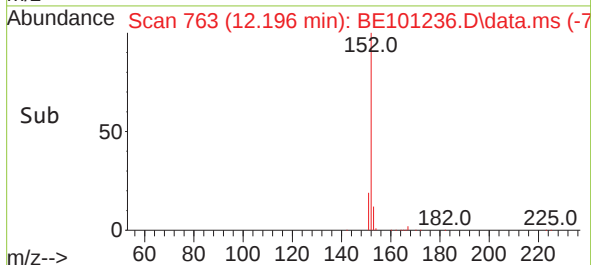
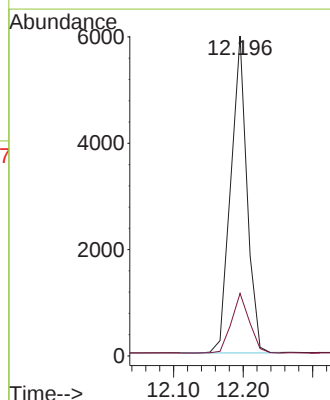
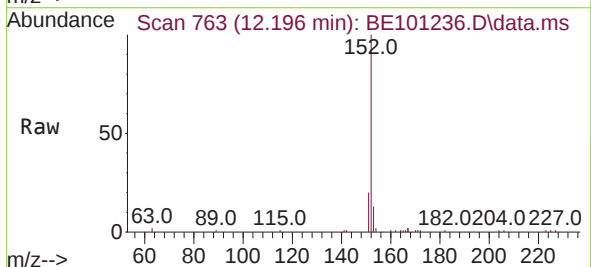
RT: 12.196 min Scan# 763

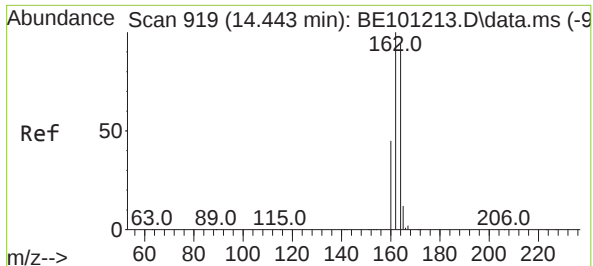
Delta R.T. -0.001 min

Lab File: BE101236.D

Acq: 7 Apr 2021 19:50

Tgt Ion:	152	Resp:	9662
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.5	24.7

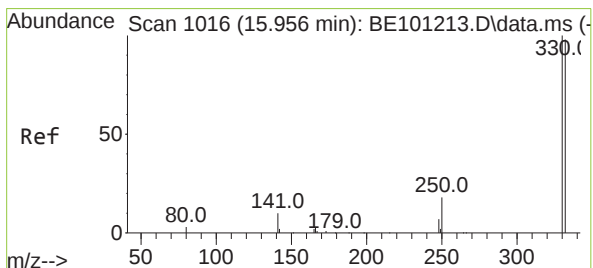
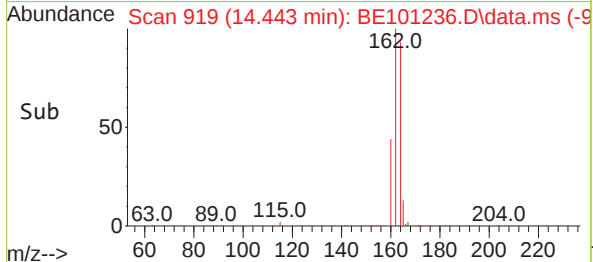
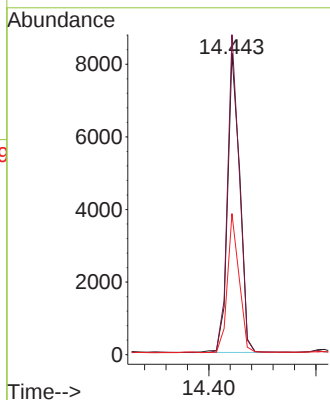
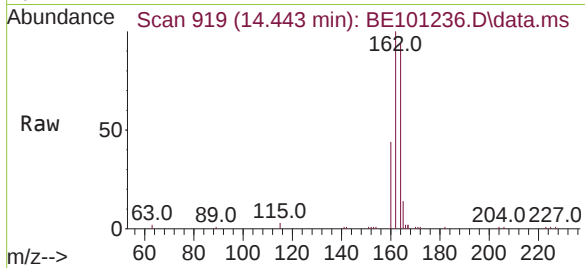




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.000 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

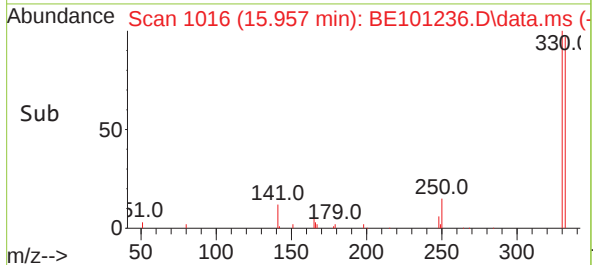
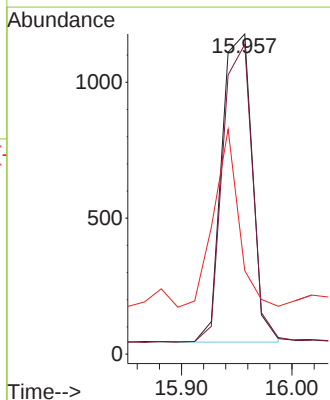
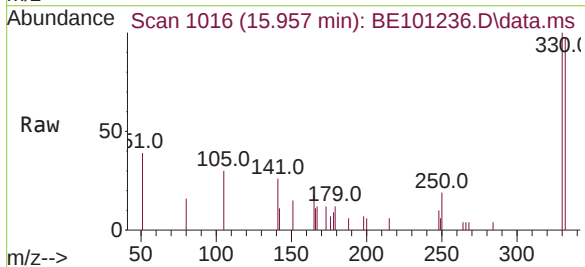
Instrument :
BNA_E
ClientSampleId :
SW-2

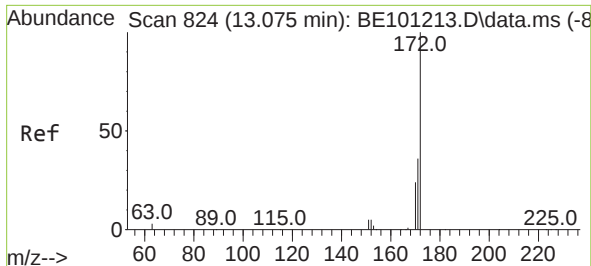
Tgt Ion:164 Resp: 13021
Ion Ratio Lower Upper
164 100
162 106.1 85.3 127.9
160 46.8 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.002 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Tgt Ion:330 Resp: 2169
Ion Ratio Lower Upper
330 100
332 94.4 77.8 116.6
141 47.7 30.4 45.6#

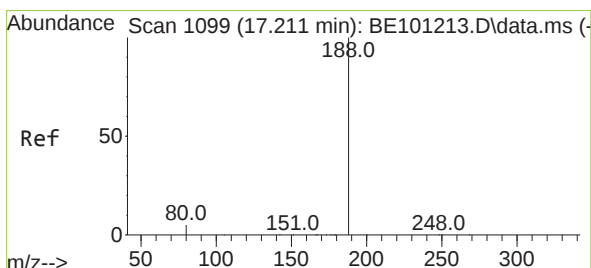
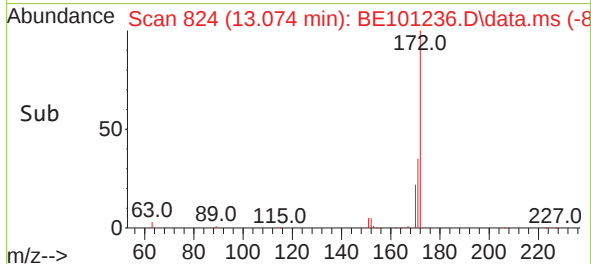
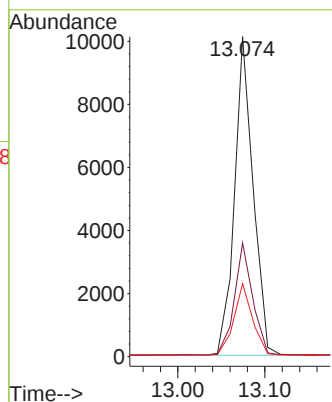
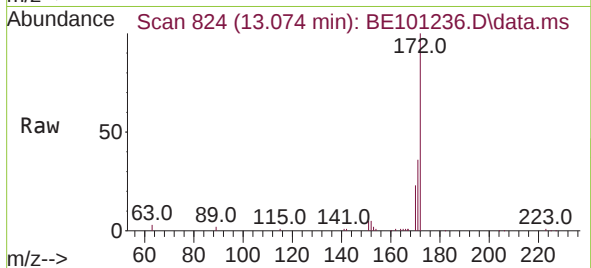




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

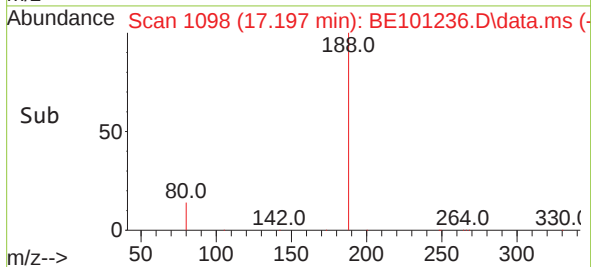
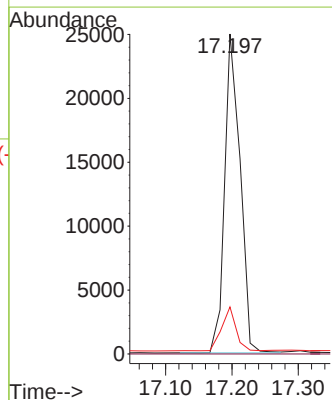
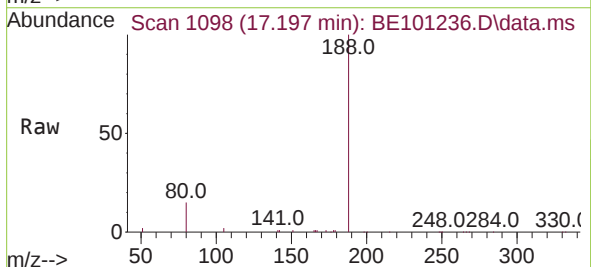
Instrument :
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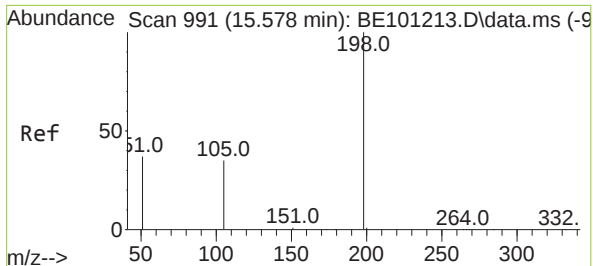
Tgt Ion:172	Resp:	14980
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.7 43.1
170	22.9	19.3 28.9



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.013 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Tgt Ion:188	Resp:	40431
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	14.7	4.6 6.8

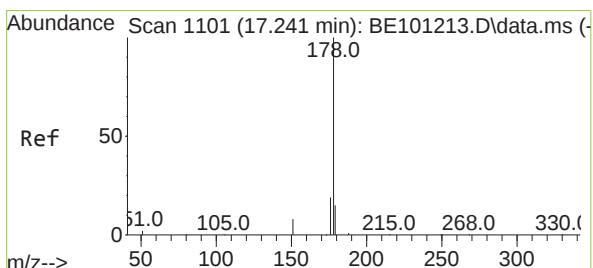
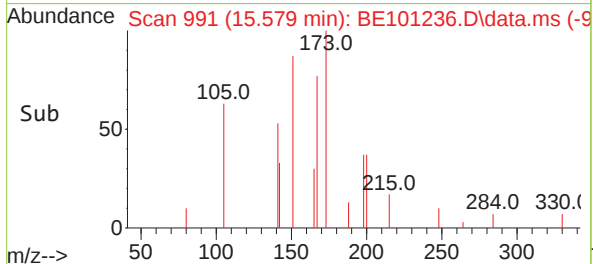
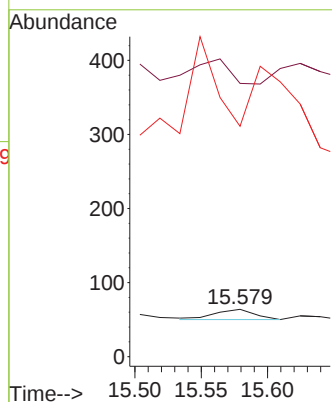
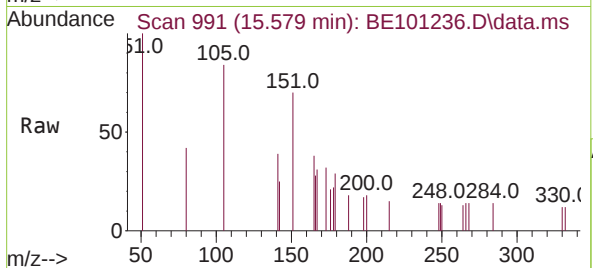




#20
4,6-Dinitro-2-methylphenol
Concen: 0.07 ng
RT: 15.579 min Scan# 991
Delta R.T. 0.002 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

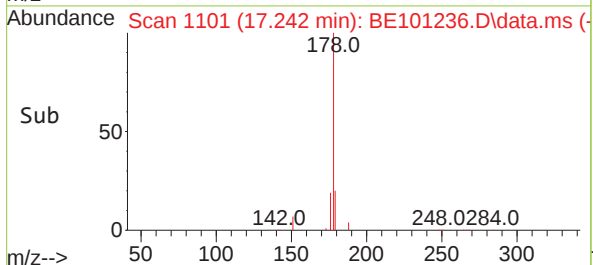
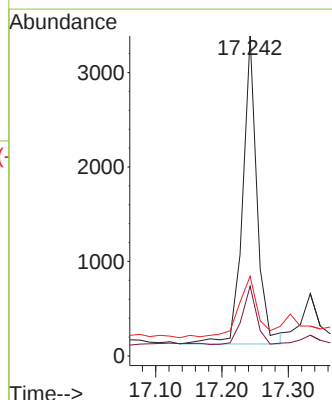
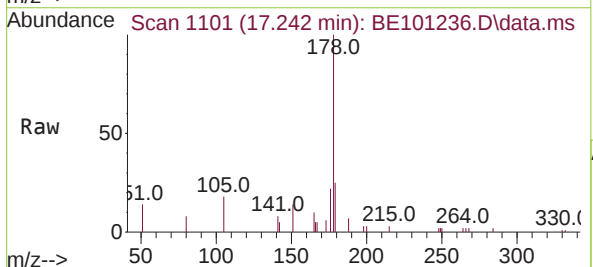
Instrument :
BNA_E
ClientSampled :
SW-2

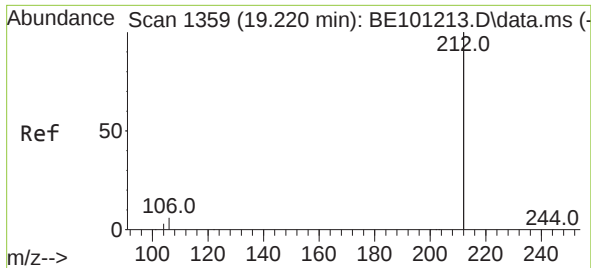
Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 576.6 55.9 83.9#
105 485.9 33.6 50.4#



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Tgt Ion:178 Resp: 4911
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 26.8 12.2 18.4#

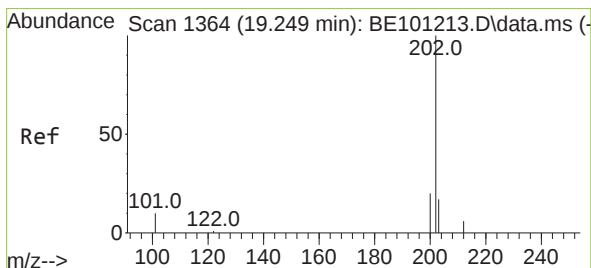
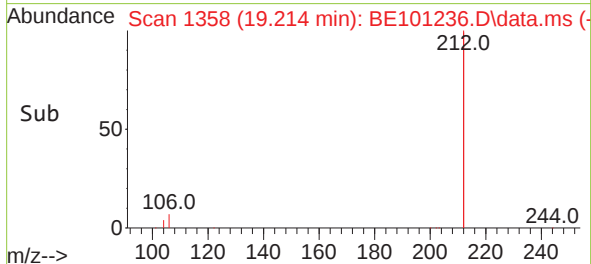
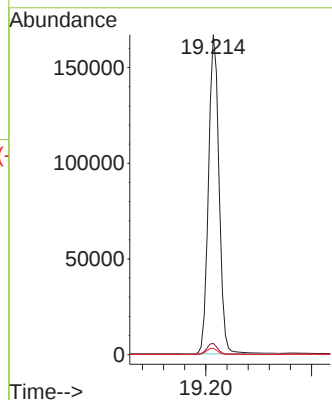
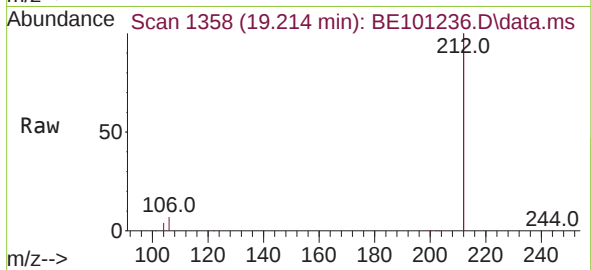




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.214 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

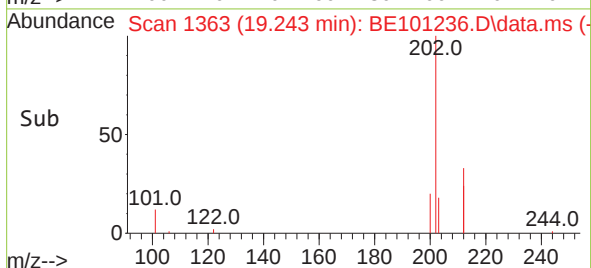
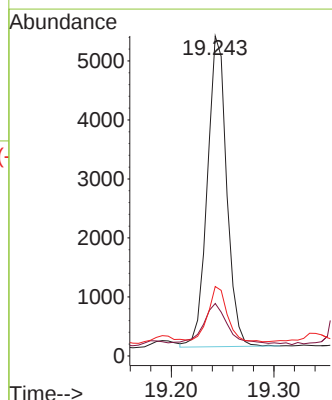
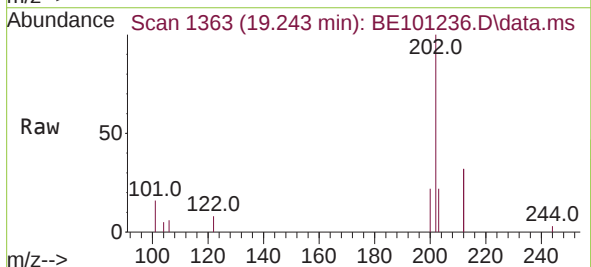
Instrument :
BNA_E
ClientSampleId :
SW-2

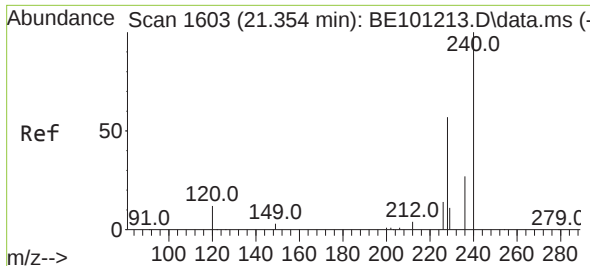
Tgt Ion:212 Resp: 231261
Ion Ratio Lower Upper
212 100
106 3.5 2.6 4.0
104 2.0 1.4 2.2



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.243 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Tgt Ion:202 Resp: 6910
Ion Ratio Lower Upper
202 100
101 17.3 9.1 13.7#
203 17.7 13.6 20.4

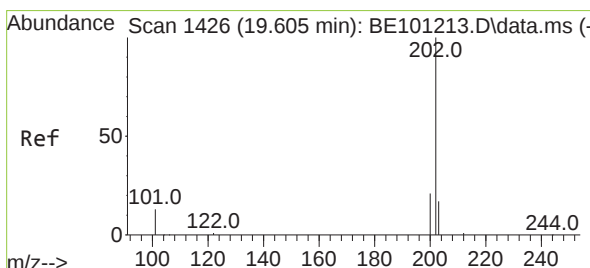
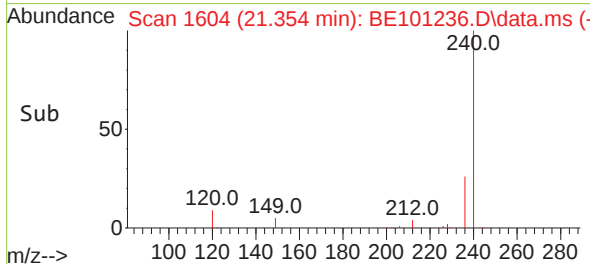
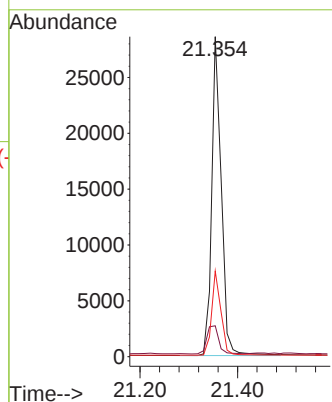
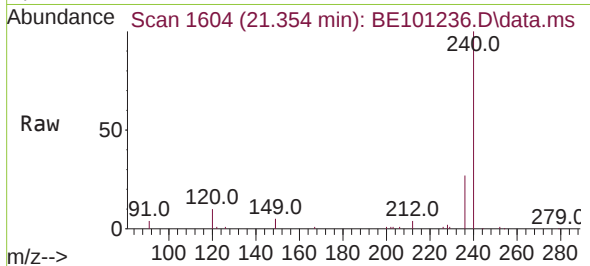




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

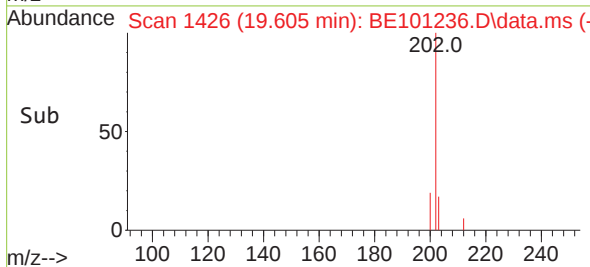
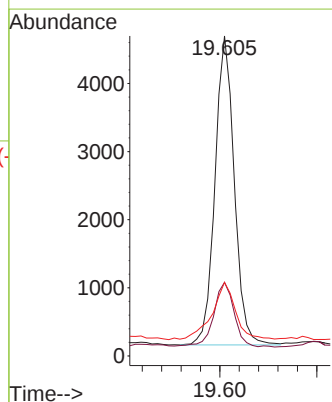
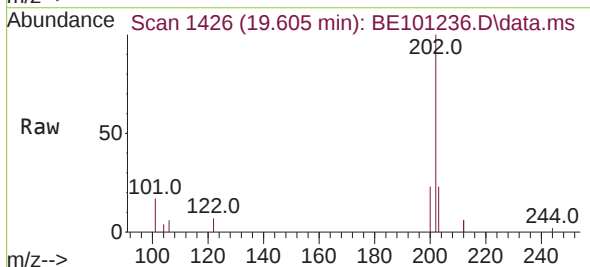
Instrument :
BNA_E
ClientSampleId :
SW-2

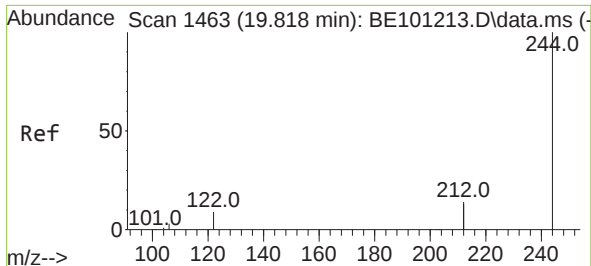
Tgt Ion:240 Resp: 39156
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 26.7 21.7 32.5



#30
Pyrene
Concen: 0.04 ng
RT: 19.605 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Tgt Ion:202 Resp: 6264
Ion Ratio Lower Upper
202 100
200 22.4 16.6 24.8
203 22.8 13.8 20.8#

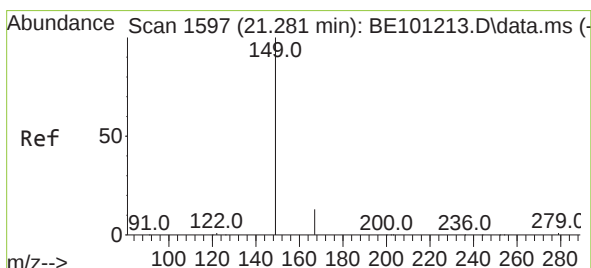
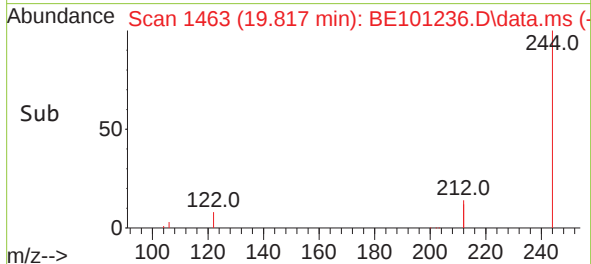
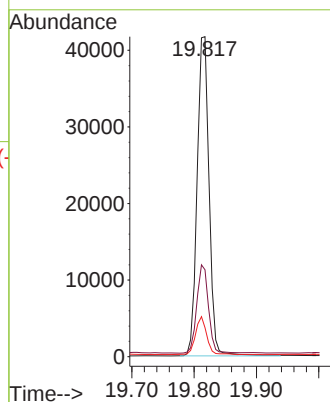
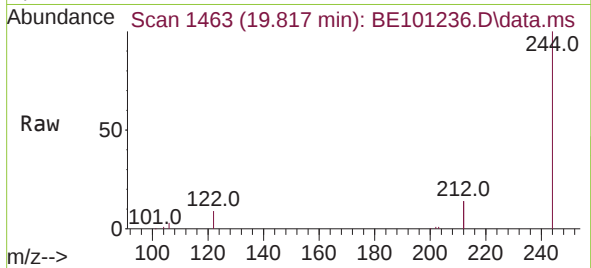




#31
 Terphenyl-d14
 Concen: 0.53 ng
 RT: 19.817 min Scan# 1463
 Delta R.T. 0.005 min
 Lab File: BE101236.D
 Acq: 7 Apr 2021 19:50

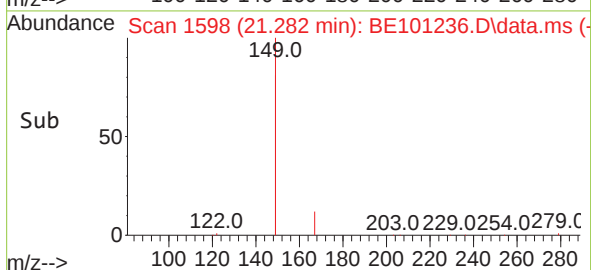
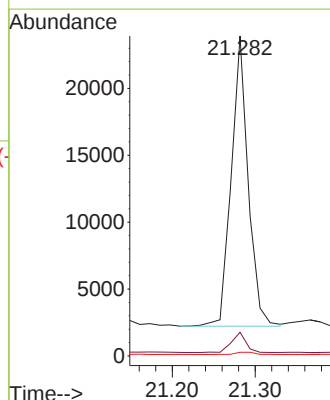
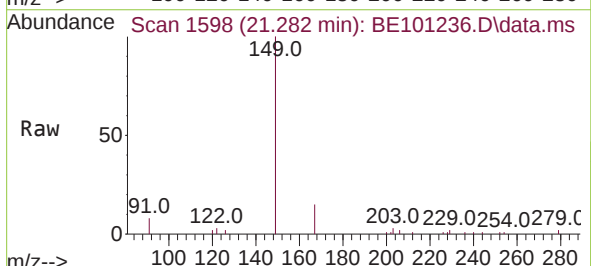
Instrument :
 BNA_E
 ClientSampleId :
 SW-2

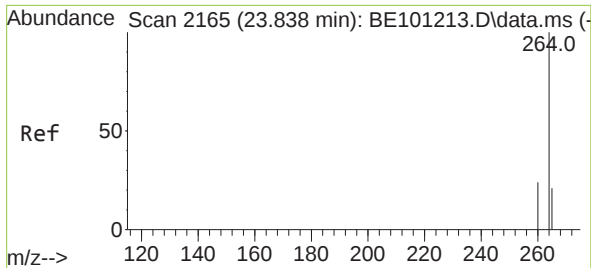
Tgt Ion:244 Resp: 55557
 Ion Ratio Lower Upper
 244 100
 212 27.2 21.9 32.9
 122 9.0 7.3 10.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.282 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BE101236.D
 Acq: 7 Apr 2021 19:50

Tgt Ion:149 Resp: 30829
 Ion Ratio Lower Upper
 149 100
 167 6.0 5.5 8.3
 279 0.9 1.0 1.4#

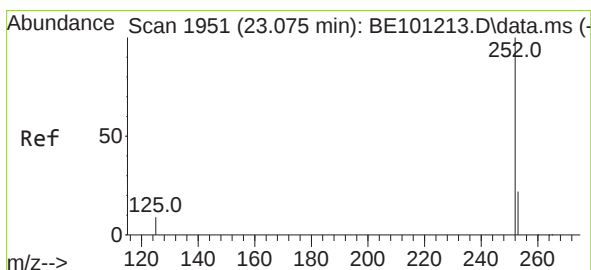
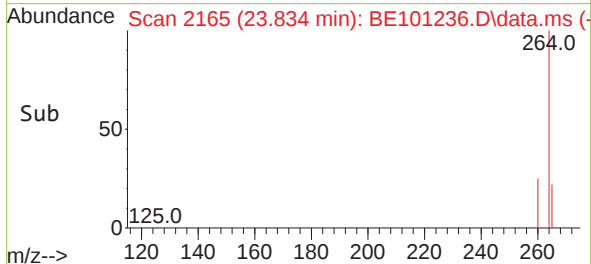
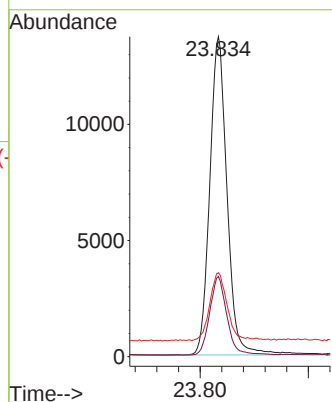
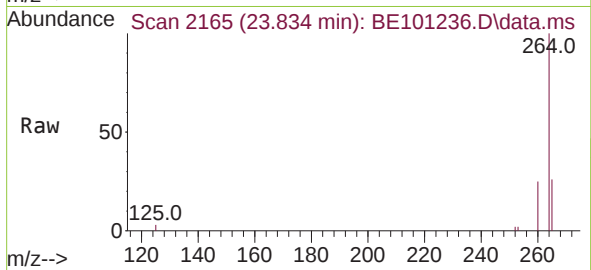




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.834 min Scan# 2165
Delta R.T. -0.001 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

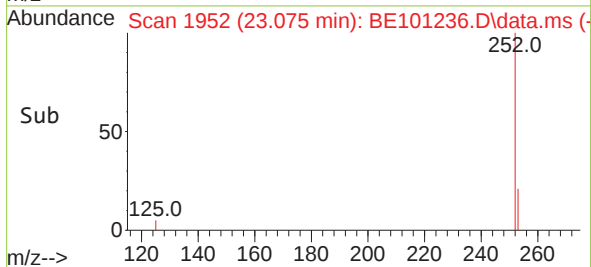
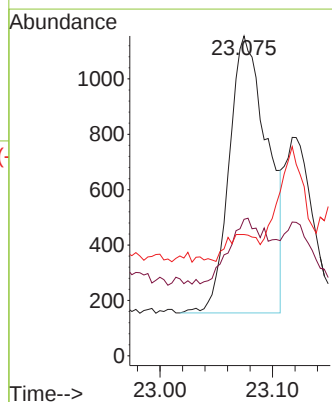
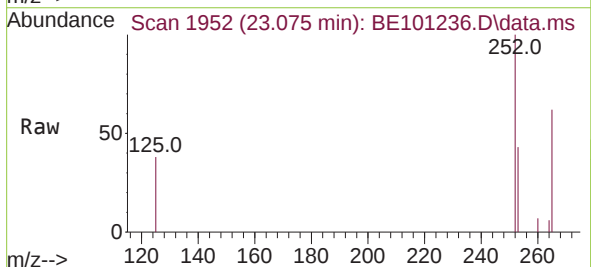
Instrument :
BNA_E
ClientSampled :
SW-2

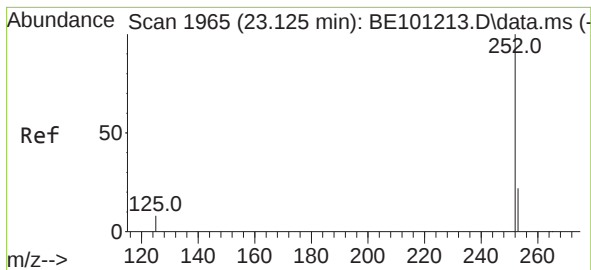
Tgt Ion:264	Resp:	30198
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.3 28.9
265	26.3	22.4 33.6



#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.075 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

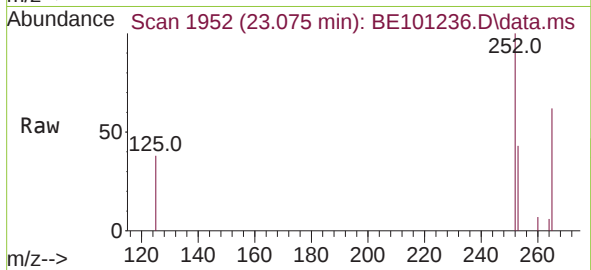
Tgt Ion:252	Resp:	2368
Ion Ratio	Lower	Upper
252	100	
253	42.7	18.1 27.1#
125	37.9	7.6 11.4#





#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 23.075 min Scan# 1952
Delta R.T. -0.051 min
Lab File: BE101236.D
Acq: 7 Apr 2021 19:50

Instrument :
BNA_E
ClientSampleId :
SW-2



Tgt Ion:252 Resp: 2368
Ion Ratio Lower Upper
252 100
253 42.7 17.8 26.6#
125 37.9 7.6 11.4#

