

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101179.D
 Acq On : 1 Apr 2021 16:08
 Operator : CG/JU
 Sample : M1843-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20210325

Quant Time: Apr 01 16:52:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:49:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

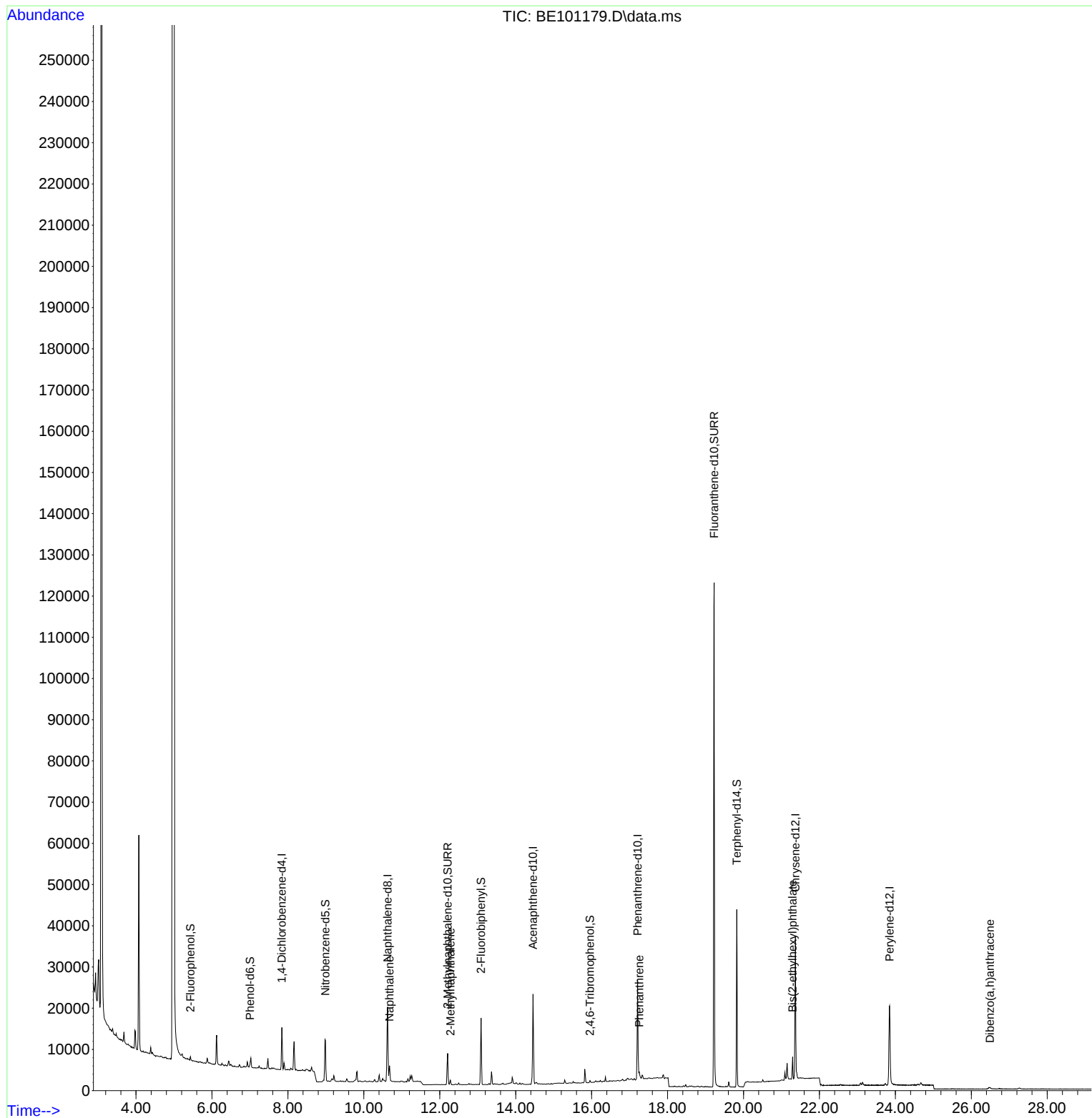
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4512	0.40	ng	0.00
7) Naphthalene-d8	10.626	136	19513	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	12126	0.40	ng	0.00
19) Phenanthrene-d10	17.211	188	30907	0.40	ng	# 0.00
29) Chrysene-d12	21.367	240	34050	0.40	ng	0.00
36) Perylene-d12	23.848	264	30610	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	460	0.04	ng	0.00
5) Phenol-d6	7.001	99	531	0.03	ng	0.00
8) Nitrobenzene-d5	8.990	82	4275	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.209	152	9769	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	252	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.088	172	13812	0.30	ng	0.00
27) Fluoranthene-d10	19.226	212	161624	0.41	ng	0.00
31) Terphenyl-d14	19.823	244	36326	0.47	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.678	128	5431	0.03	ng	# 96
12) 2-Methylnaphthalene	12.281	142	764	0.02	ng	# 92
25) Phenanthrene	17.257	178	2018	0.02	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.295	149	6157	0.11	ng	# 97
40) Dibenzo(a,h)anthracene	26.492	278	494	0.11	ng	# 33

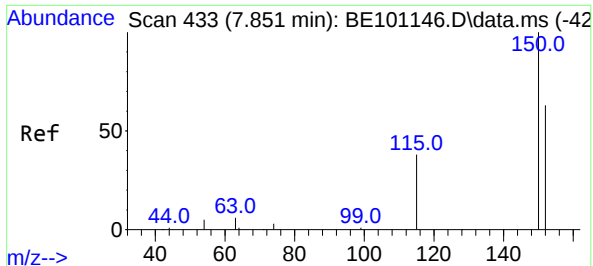
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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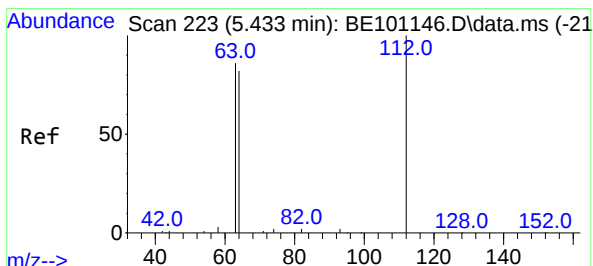
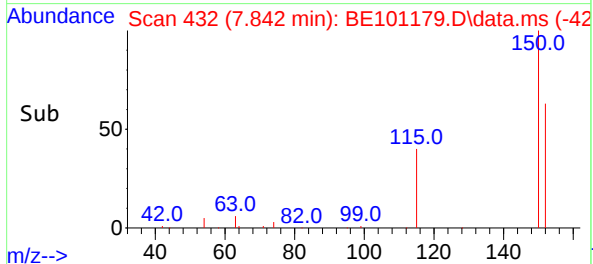
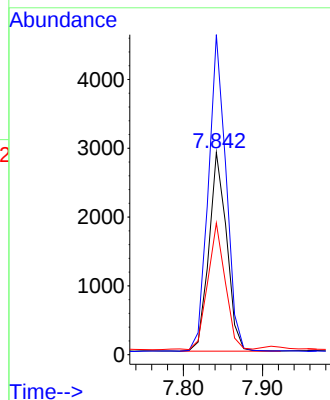
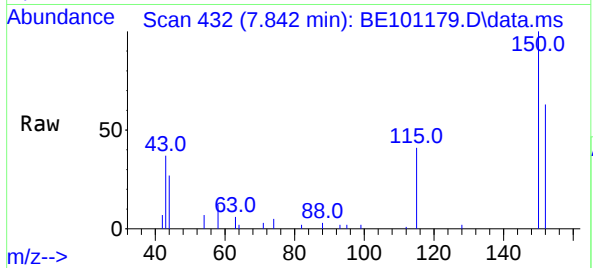




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.842 min Scan# 432
Delta R.T. -0.008 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

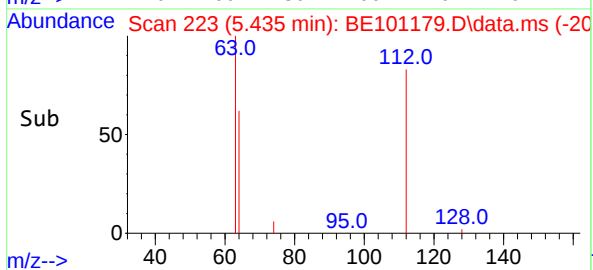
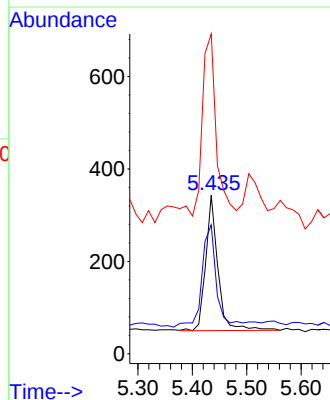
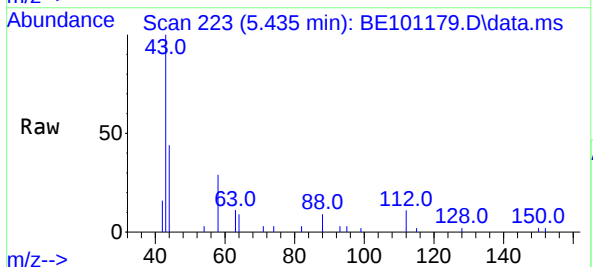
Instrument :
BNA_E
ClientSampleId :
EB02-20210325

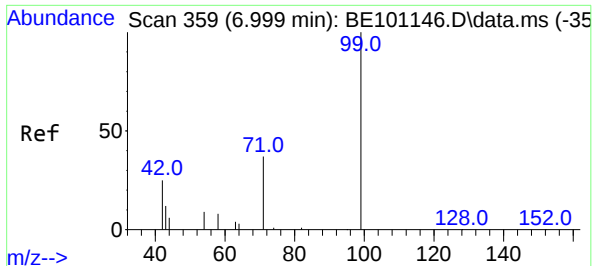
Tgt Ion:152 Resp: 4512
Ion Ratio Lower Upper
152 100
150 158.3 126.3 189.5
115 65.2 48.9 73.3



#4
2-Fluorophenol
Concen: 0.04 ng
RT: 5.435 min Scan# 223
Delta R.T. 0.003 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:112 Resp: 460
Ion Ratio Lower Upper
112 100
64 88.3 60.8 91.2
63 151.3 119.4 179.0

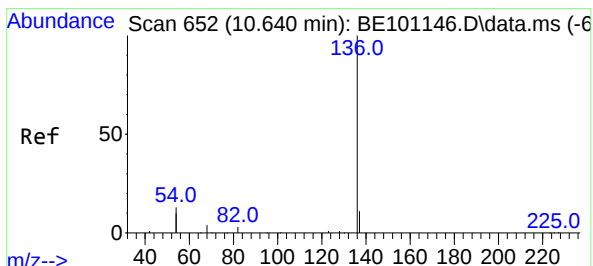
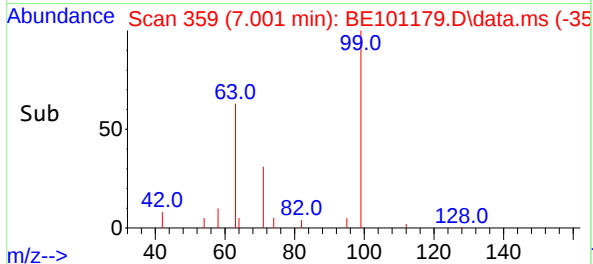
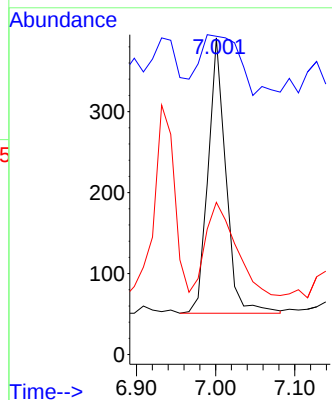
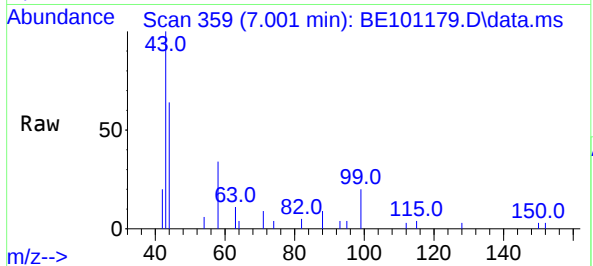




#5
Phenol-d6
Concen: 0.03 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.003 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

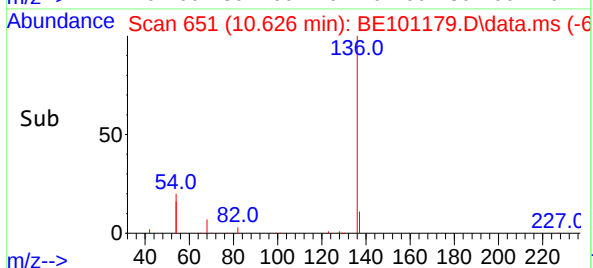
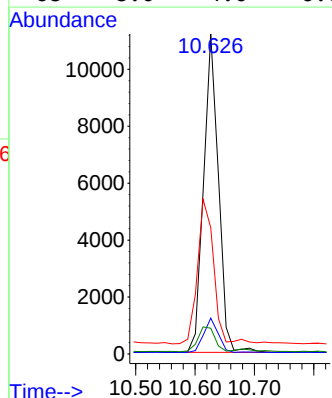
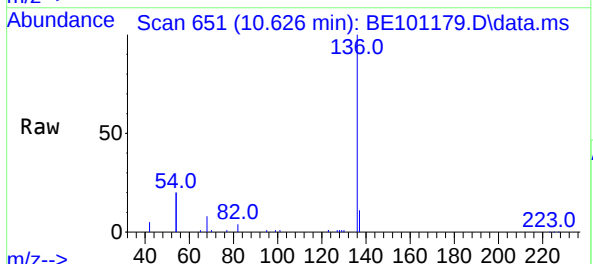
Instrument :
BNA_E
ClientSampleId :
EB02-20210325

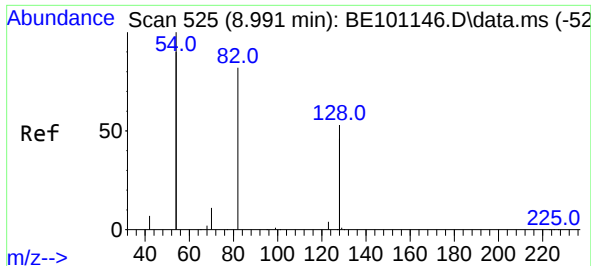
Tgt Ion: 99 Resp: 531
Ion Ratio Lower Upper
99 100
42 40.7 18.8 28.2#
71 57.4 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.626 min Scan# 651
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion: 136 Resp: 19513
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 39.5 20.2 30.4#
68 8.0 4.0 6.0#

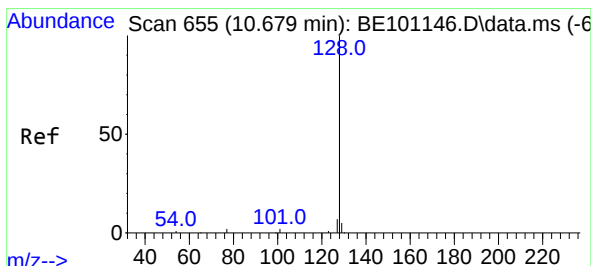
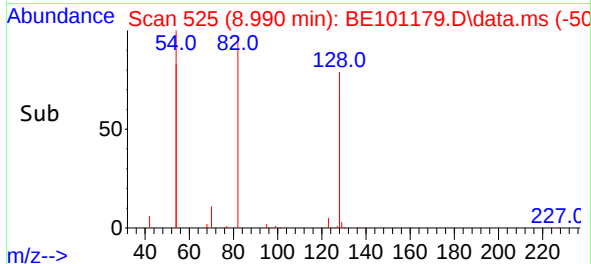
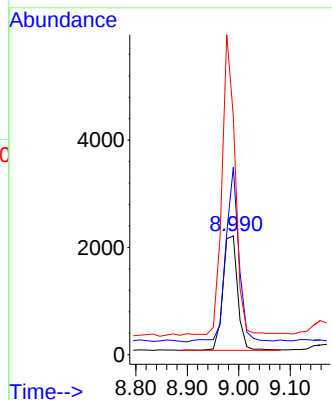
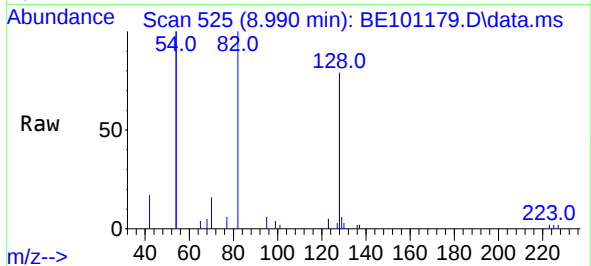




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.990 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

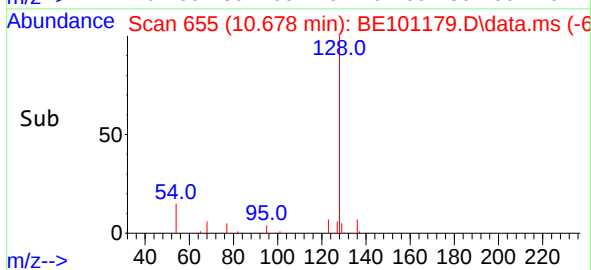
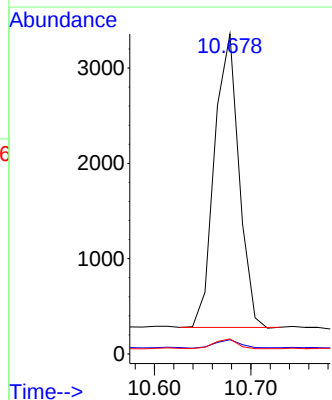
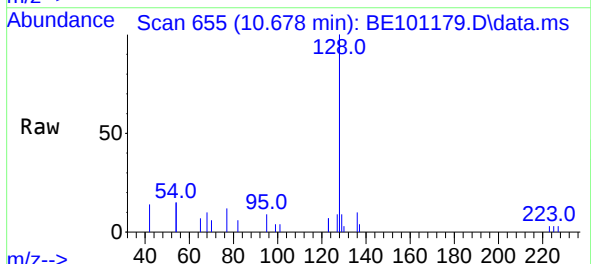
Instrument :
BNA_E
ClientSampleId :
EB02-20210325

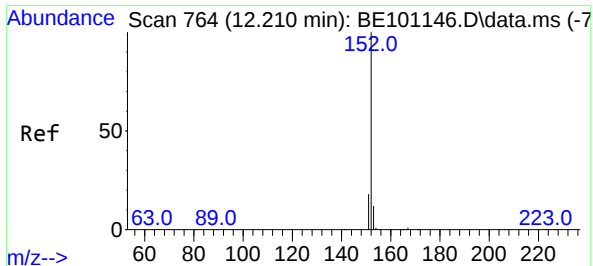
Tgt Ion: 82 Resp: 4275
Ion Ratio Lower Upper
82 100
128 158.0 101.5 152.3#
54 200.8 189.8 284.6



#9
Naphthalene
Concen: 0.03 ng
RT: 10.678 min Scan# 655
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion: 128 Resp: 5431
Ion Ratio Lower Upper
128 100
129 4.4 2.2 3.2#
127 4.7 2.7 4.1#

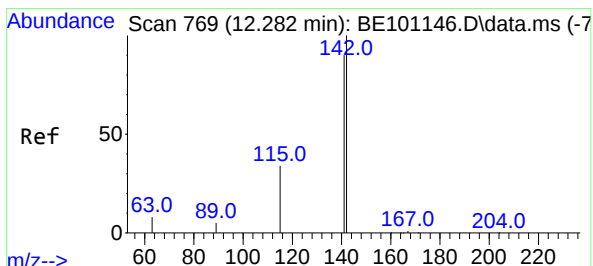
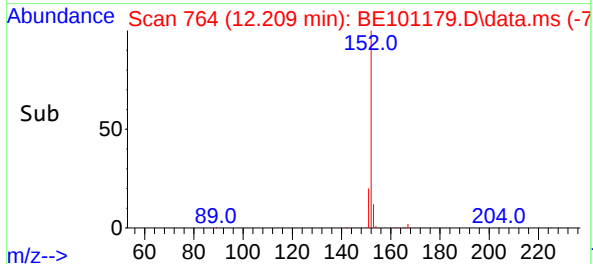
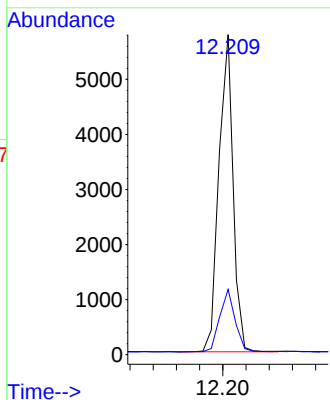
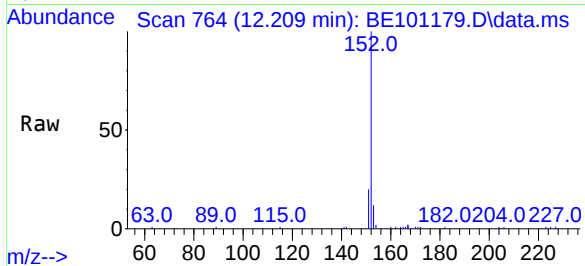




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

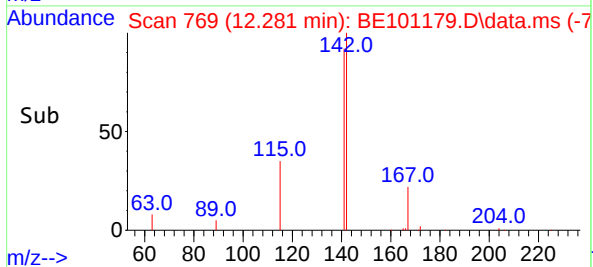
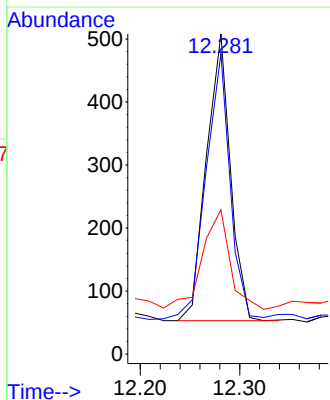
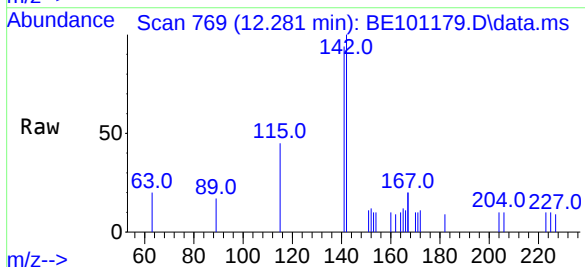
Instrument :
BNA_E
ClientSampleId :
EB02-20210325

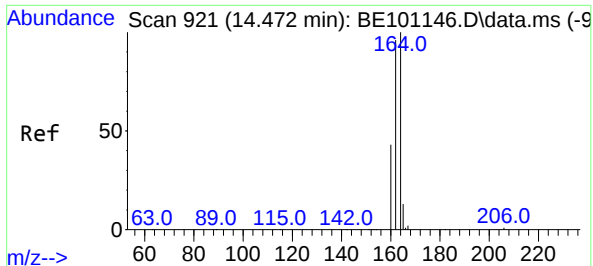
Tgt Ion:152 Resp: 9769
Ion Ratio Lower Upper
152 100
151 21.4 16.6 24.8



#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.281 min Scan# 769
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:142 Resp: 764
Ion Ratio Lower Upper
142 100
141 93.9 71.8 107.6
115 45.1 27.8 41.6#



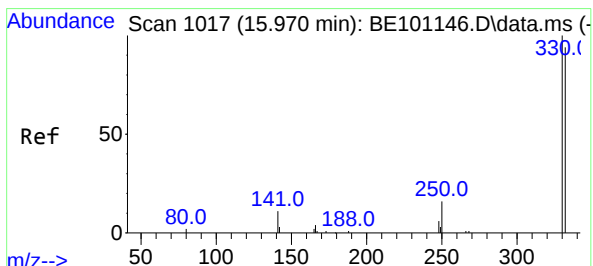
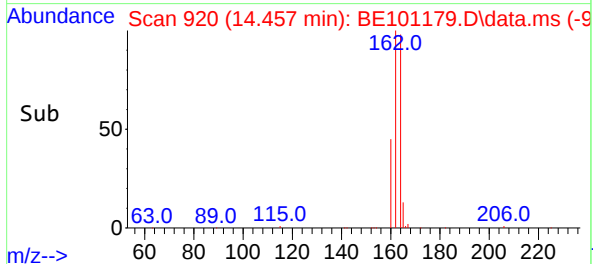
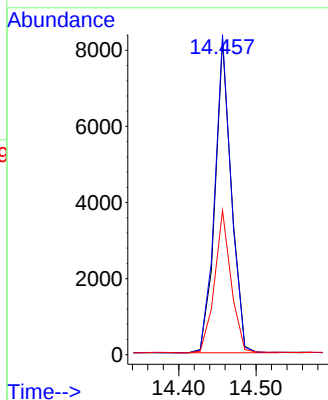
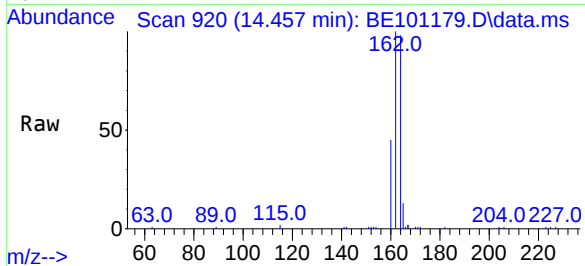


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
EB02-20210325

Tgt Ion:164 Resp: 12126

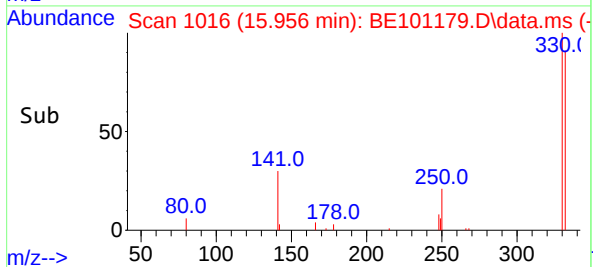
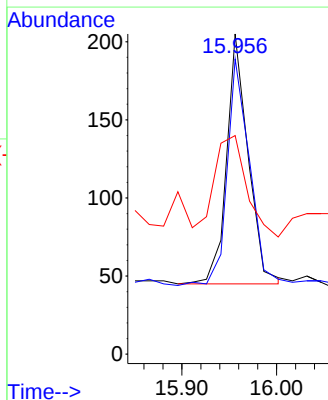
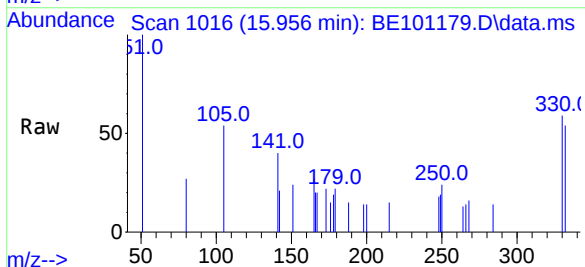
Ion	Ratio	Lower	Upper
164	100		
162	101.8	76.6	115.0
160	45.9	34.5	51.7

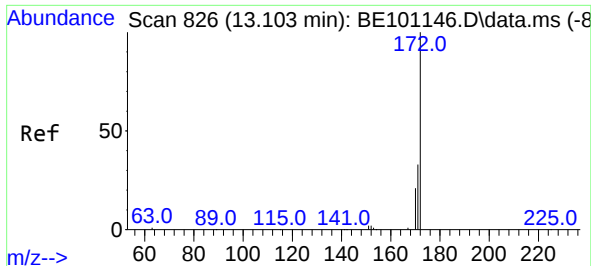


#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:330 Resp: 252

Ion	Ratio	Lower	Upper
330	100		
332	94.4	69.1	103.7
141	73.4	30.6	45.8



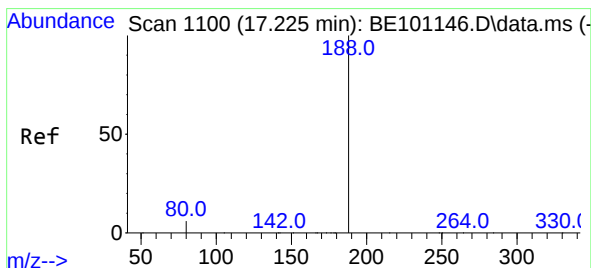
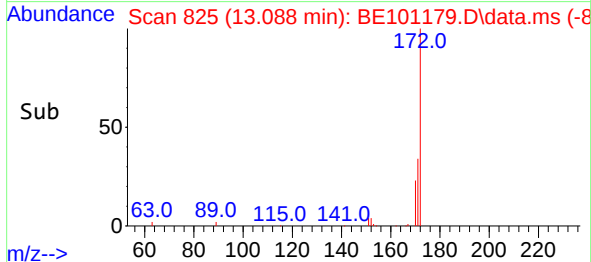
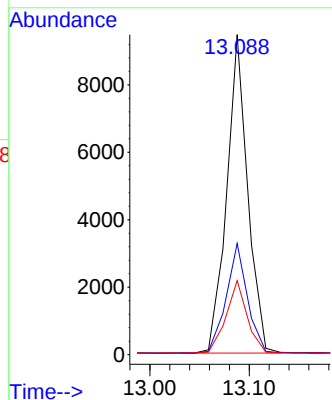
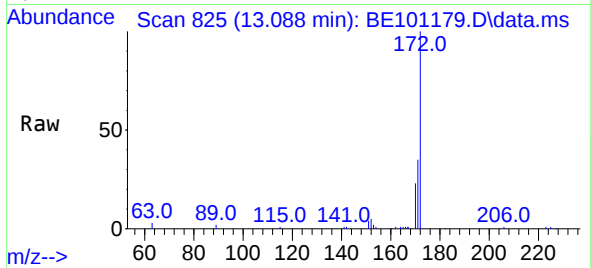


#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Instrument :
BNA_E
ClientSampleId :
EB02-20210325

Tgt Ion:172 Resp: 13812

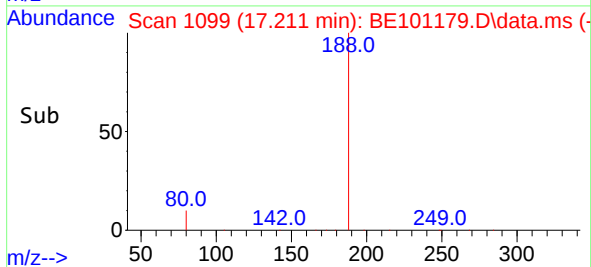
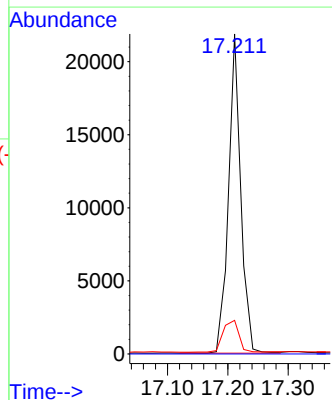
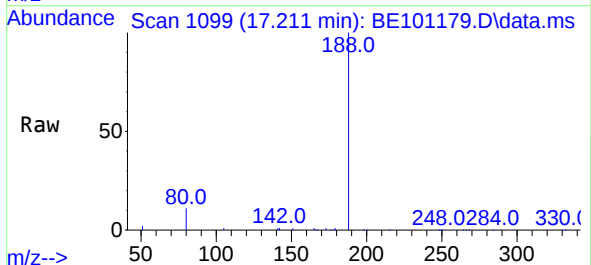
Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.4	39.6
170	23.1	17.4	26.0

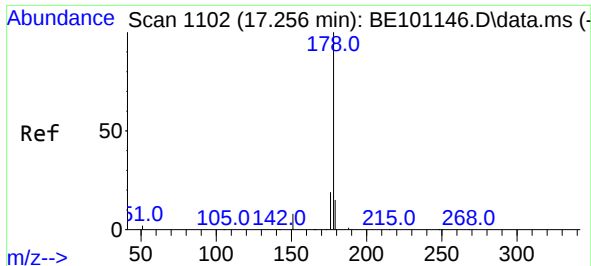


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:188 Resp: 30907

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	4.8	7.2

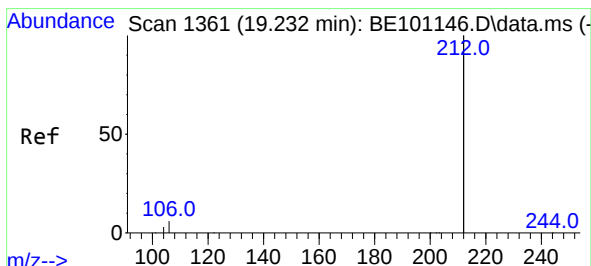
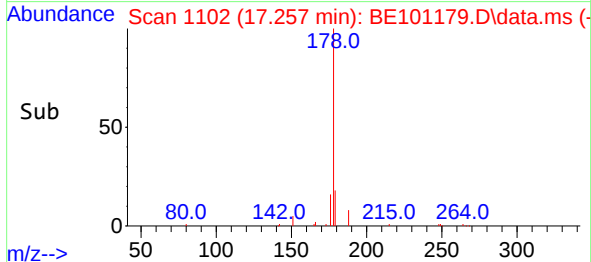
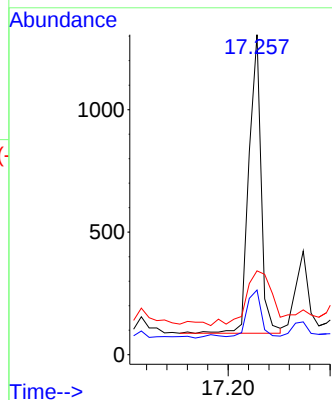
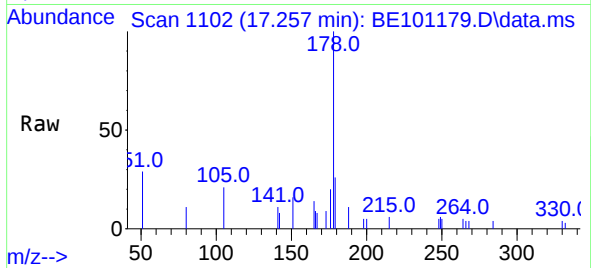




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.257 min Scan# 1102
Delta R.T. -0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

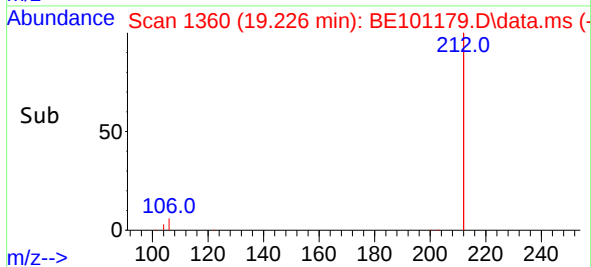
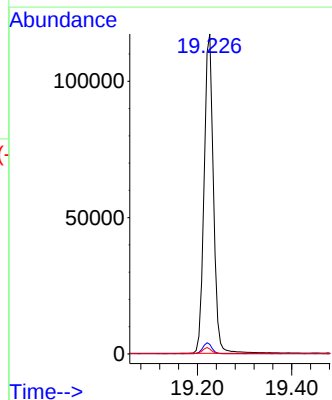
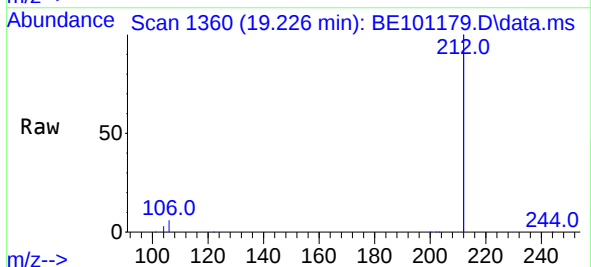
Instrument :
BNA_E
ClientSampleId :
EB02-20210325

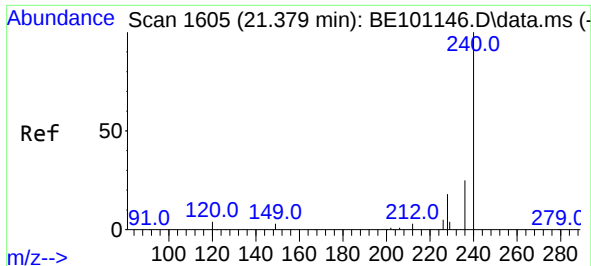
Tgt Ion:178 Resp: 2018
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 40.8 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.226 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:212 Resp: 161624
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 1.8 1.4 2.2

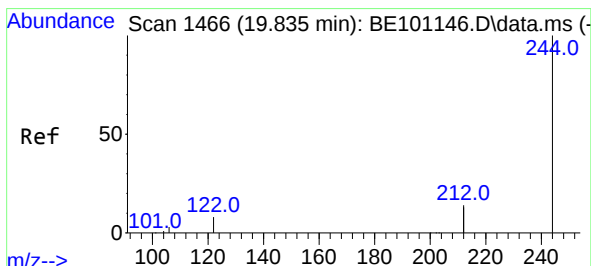
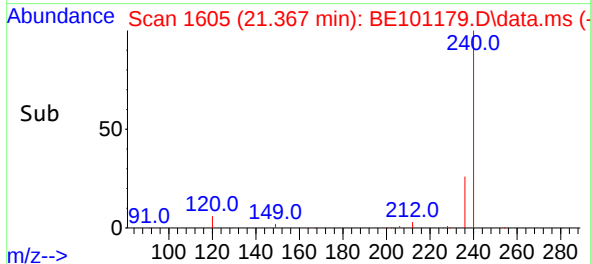
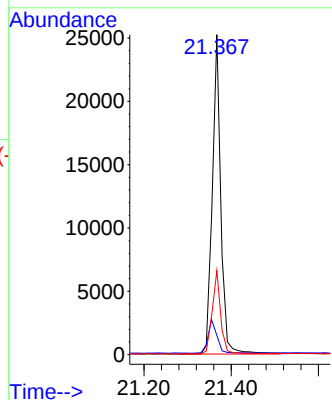
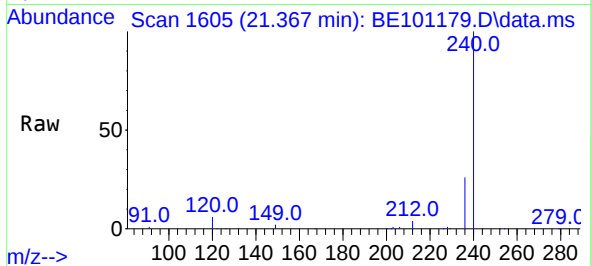




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.367 min Scan# 1605
Delta R.T. 0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

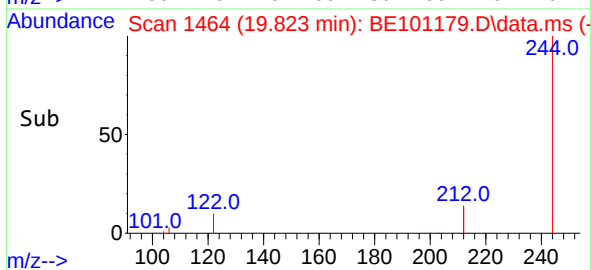
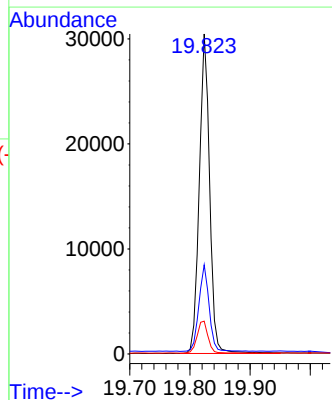
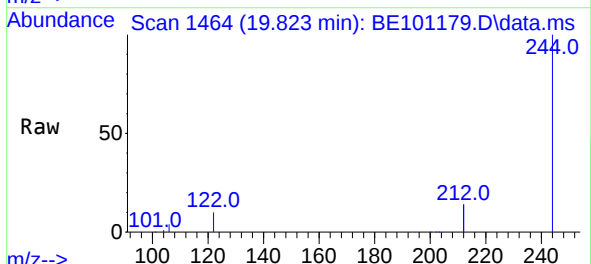
Instrument :
BNA_E
ClientSampleId :
EB02-20210325

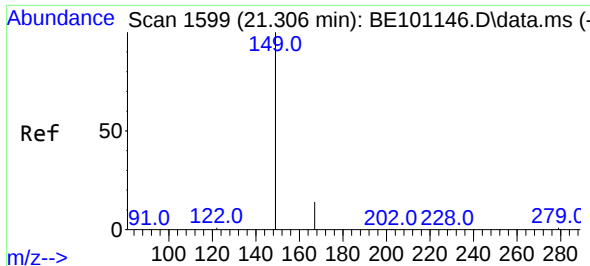
Tgt Ion:240 Resp: 34050
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 26.3 20.3 30.5



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.823 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:244 Resp: 36326
Ion Ratio Lower Upper
244 100
212 27.9 21.7 32.5
122 10.2 6.6 10.0#

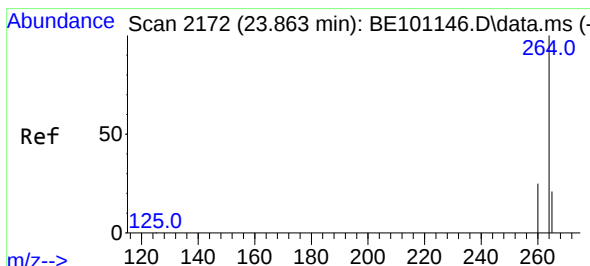
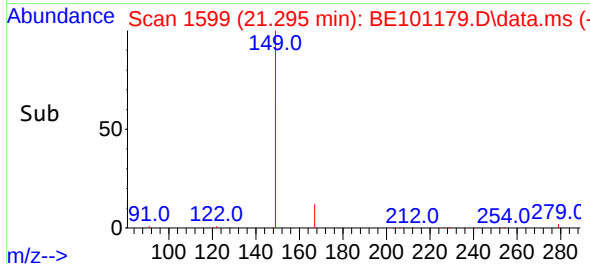
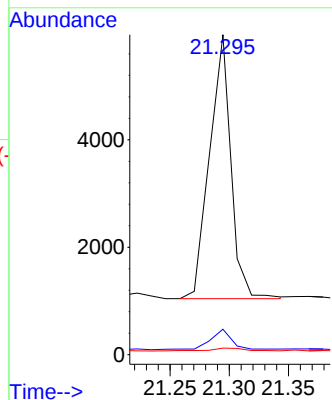
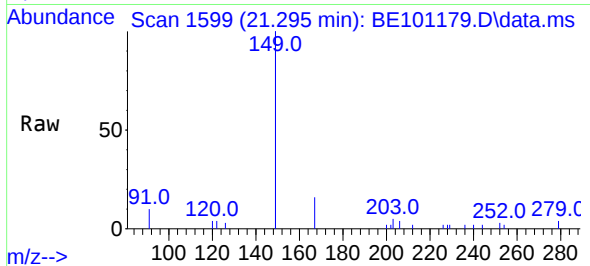




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.295 min Scan# 1599
Delta R.T. 0.001 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

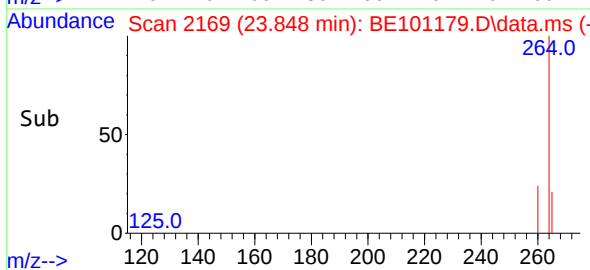
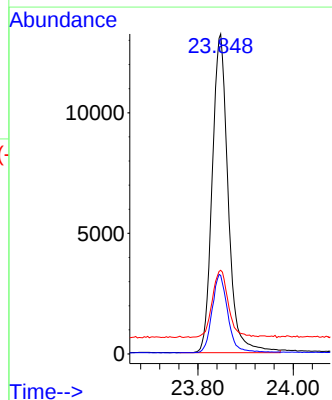
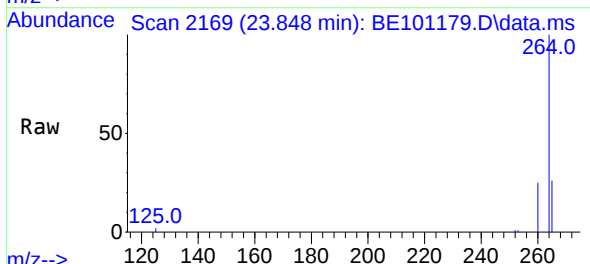
Instrument :
BNA_E
ClientSampleId :
EB02-20210325

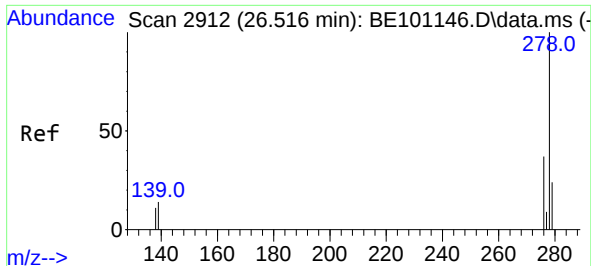
Tgt Ion:149 Resp: 6157
Ion Ratio Lower Upper
149 100
167 8.0 5.4 8.2
279 1.8 0.9 1.3#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.848 min Scan# 2169
Delta R.T. -0.004 min
Lab File: BE101179.D
Acq: 1 Apr 2021 16:08

Tgt Ion:264 Resp: 30610
Ion Ratio Lower Upper
264 100
260 24.5 20.5 30.7
265 26.2 20.6 30.8





#40
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng
 RT: 26.492 min Scan# 2906
 Delta R.T. -0.008 min
 Lab File: BE101179.D
 Acq: 1 Apr 2021 16:08

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20210325

Tgt Ion:278 Resp: 494
 Ion Ratio Lower Upper
 278 100
 139 45.5 12.0 18.0#
 279 57.4 20.2 30.4#

