

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101178.D
 Acq On : 1 Apr 2021 15:29
 Operator : CG/JU
 Sample : M1843-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP08-20210325

Quant Time: Apr 01 16:13:01 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

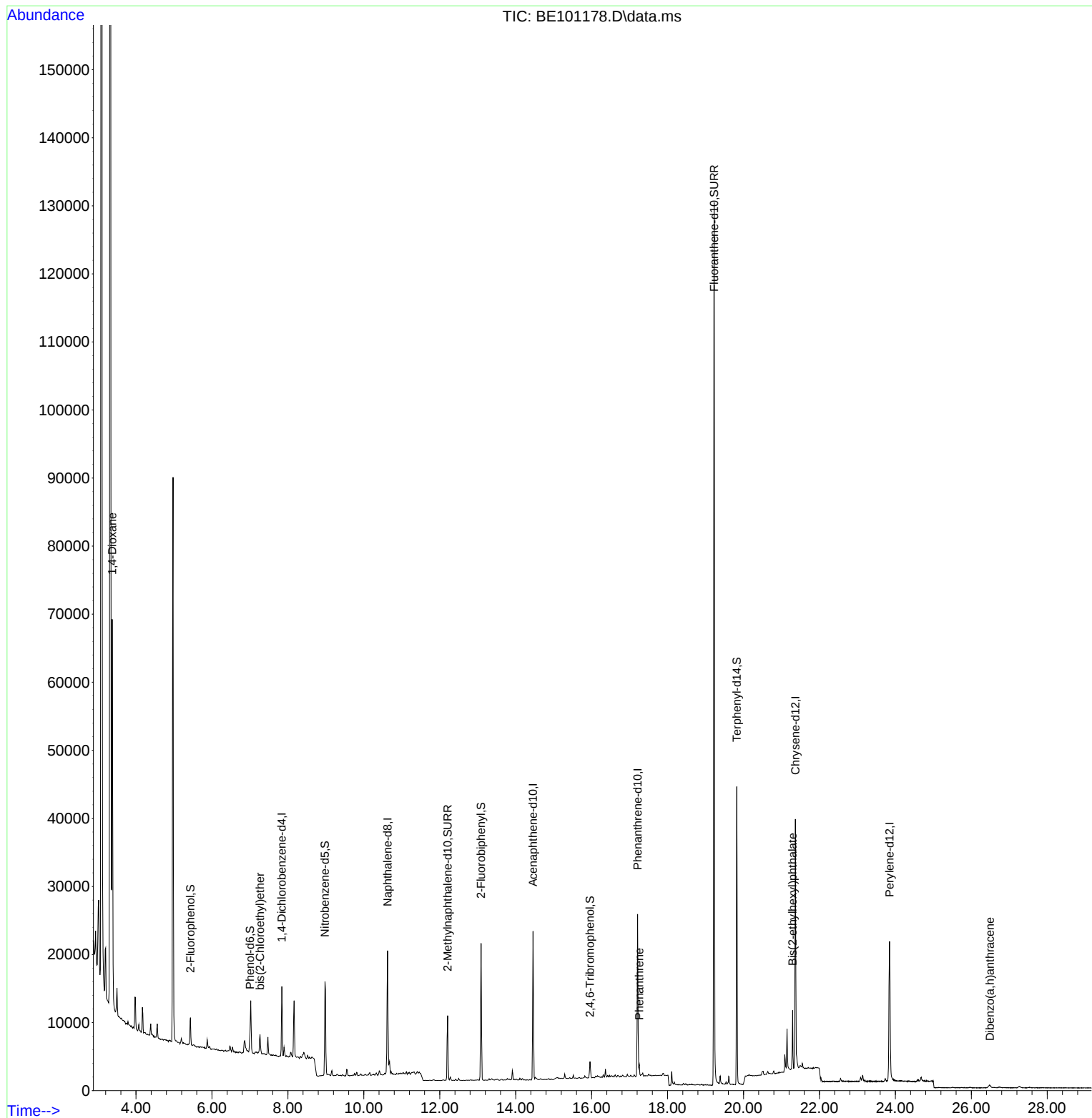
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4445	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	18904	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	12048	0.40	ng	0.00
19) Phenanthrene-d10	17.211	188	30531	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	35756	0.40	ng	# 0.00
36) Perylene-d12	23.848	264	32408	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2038	0.19	ng	0.00
5) Phenol-d6	7.001	99	1830	0.11	ng	0.00
8) Nitrobenzene-d5	8.977	82	5584	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	12137	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1315	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.088	172	17187	0.38	ng	0.00
27) Fluoranthene-d10	19.227	212	171582	0.44	ng	0.00
31) Terphenyl-d14	19.824	244	39655	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	31297	4.34	ng	95
6) bis(2-Chloroethyl)ether	7.266	93	940	0.07	ng	95
25) Phenanthrene	17.257	178	1964	0.02	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.293	149	9815	0.16	ng	100
40) Dibenzo(a,h)anthracene	26.491	278	521	0.11	ng	# 35

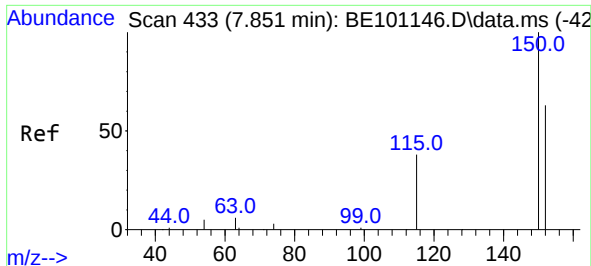
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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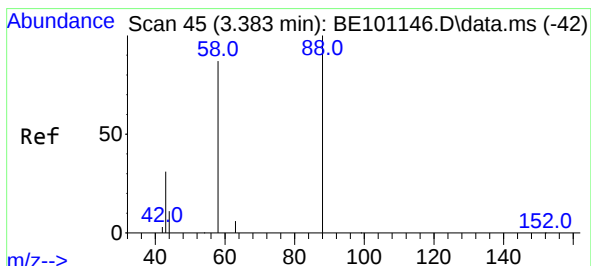
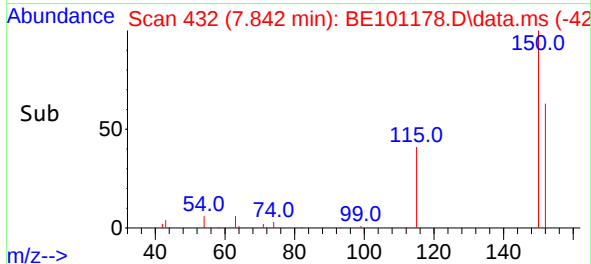
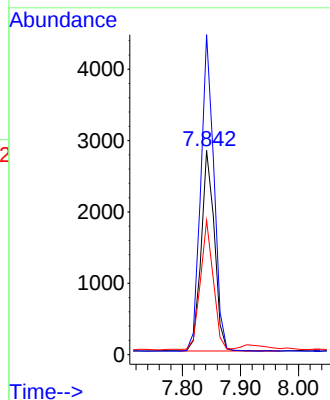
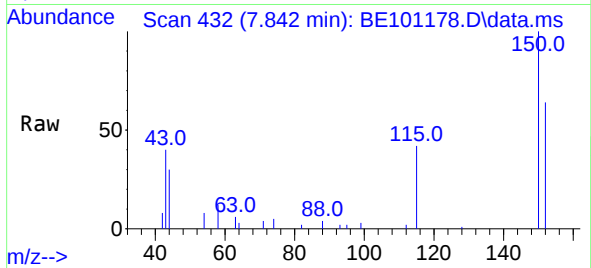




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.842 min Scan# 432
Delta R.T. -0.008 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

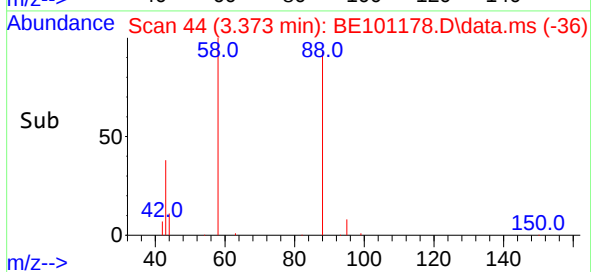
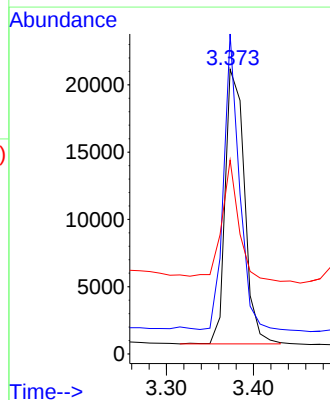
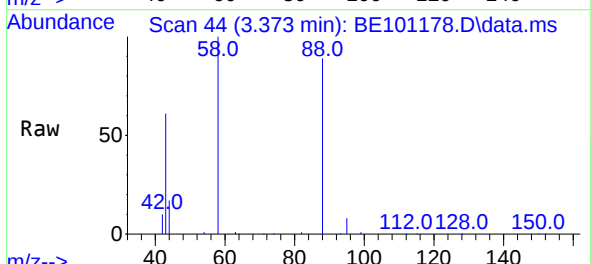
Instrument :
BNA_E
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DUP08-20210325

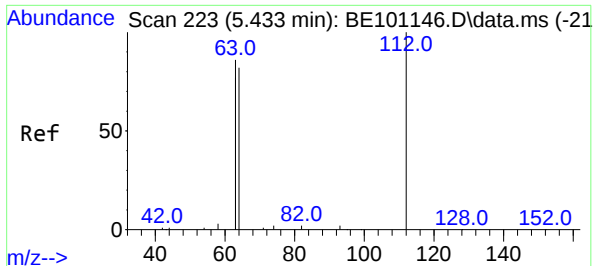
Tgt Ion:152 Resp: 4445
Ion Ratio Lower Upper
152 100
150 156.8 126.3 189.5
115 65.8 48.9 73.3



#2
1,4-Dioxane
Concen: 4.34 ng
RT: 3.373 min Scan# 44
Delta R.T. -0.008 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion: 88 Resp: 31297
Ion Ratio Lower Upper
88 100
58 87.7 68.5 102.7
43 39.9 27.2 40.8

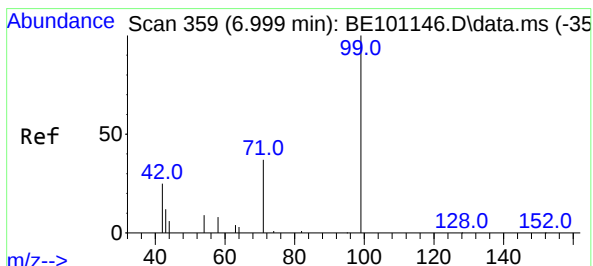
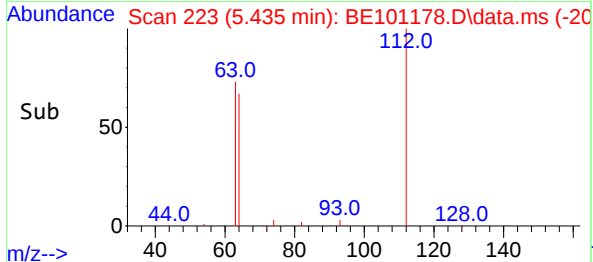
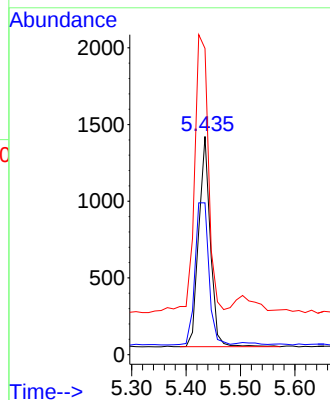
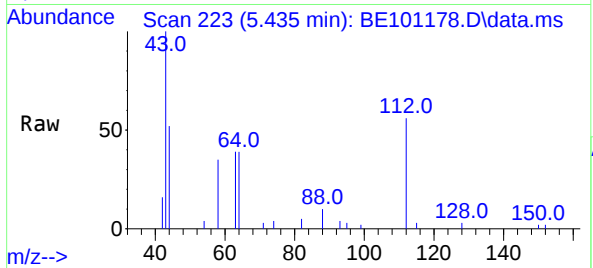




#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.435 min Scan# 223
Delta R.T. 0.003 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

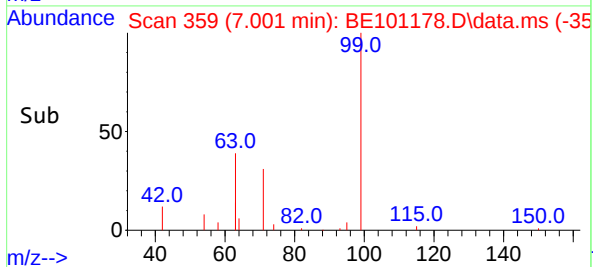
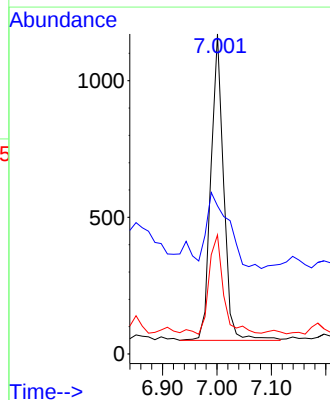
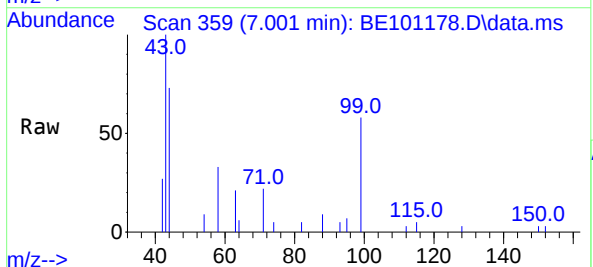
Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

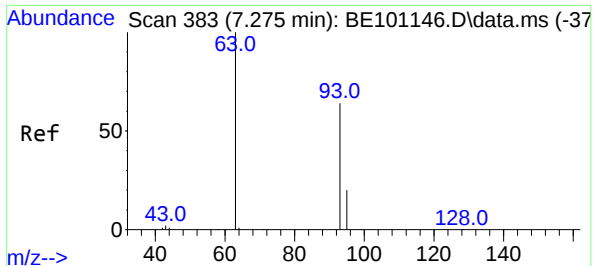
Tgt Ion:112 Resp: 2038
Ion Ratio Lower Upper
112 100
64 80.7 60.8 91.2
63 158.5 119.4 179.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.003 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion: 99 Resp: 1830
Ion Ratio Lower Upper
99 100
42 42.3 18.8 28.2#
71 35.1 26.3 39.5

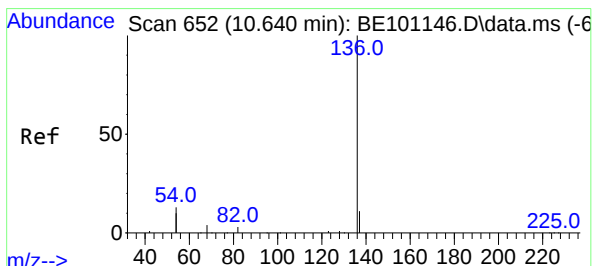
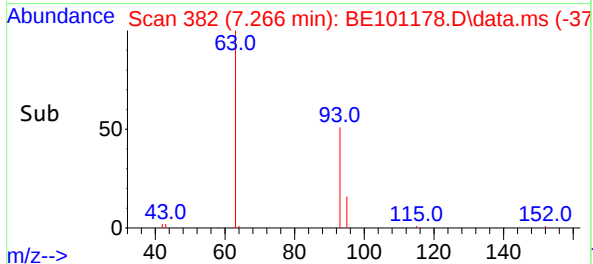
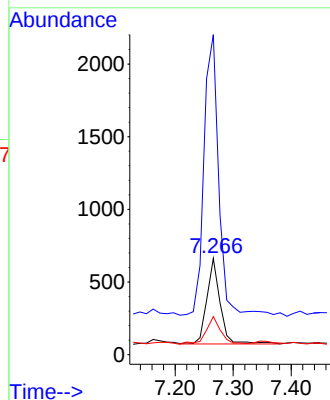
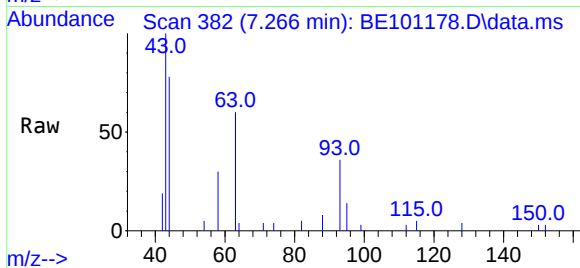




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.266 min Scan# 382
Delta R.T. 0.003 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

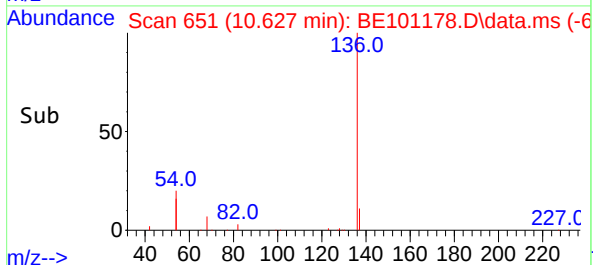
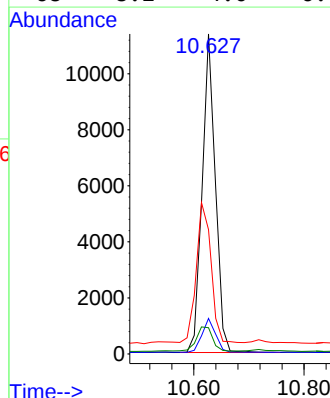
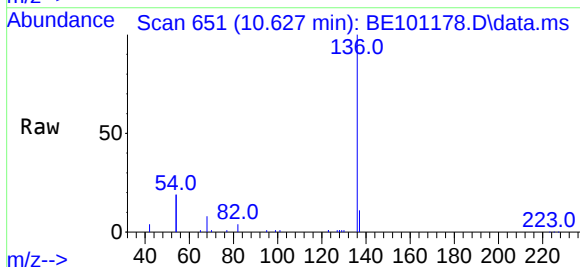
Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

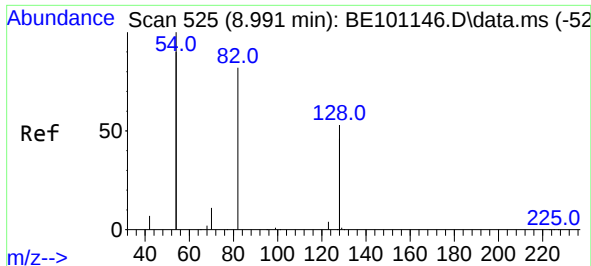
Tgt Ion: 93 Resp: 940
Ion Ratio Lower Upper
93 100
63 354.0 292.5 438.7
95 35.9 25.8 38.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion: 136 Resp: 18904
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 38.8 20.2 30.4#
68 8.2 4.0 6.0#

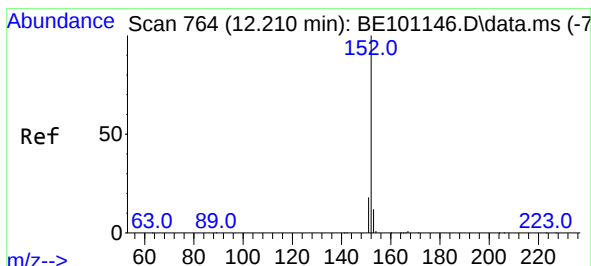
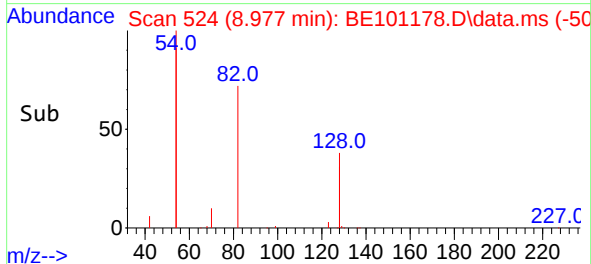
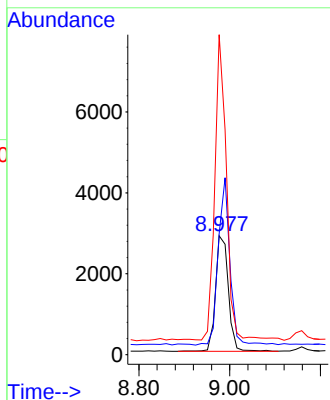
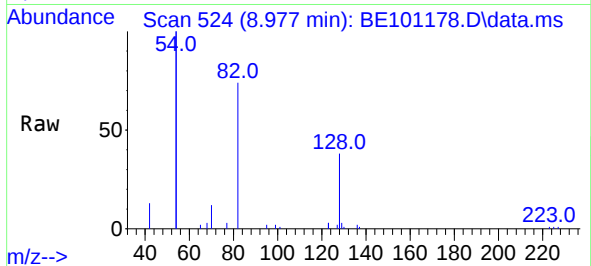




#8
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

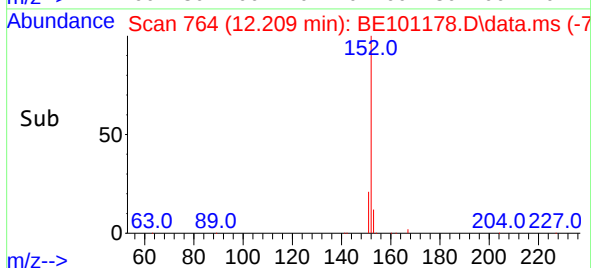
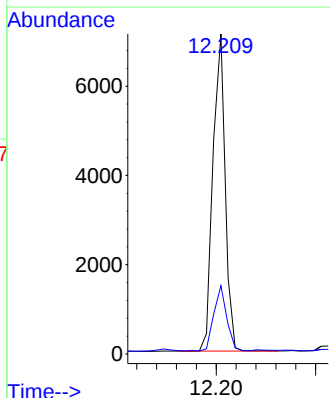
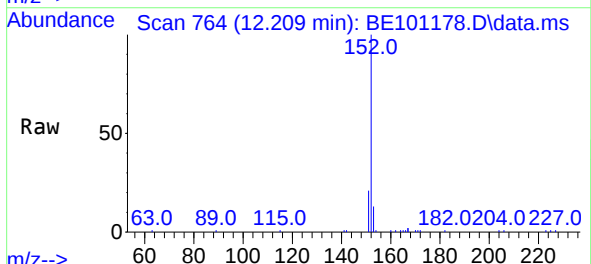
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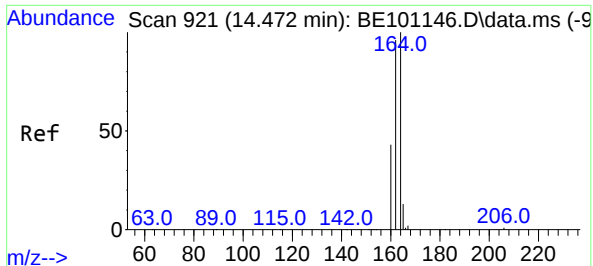
Tgt Ion: 82 Resp: 5584
Ion Ratio Lower Upper
82 100
128 101.7 101.5 152.3
54 269.1 189.8 284.6



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.000 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion: 152 Resp: 12137
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8

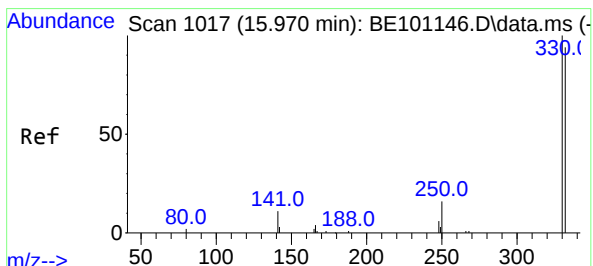
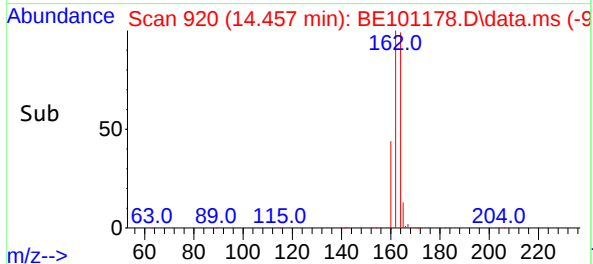
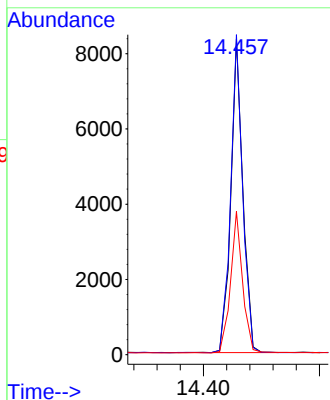
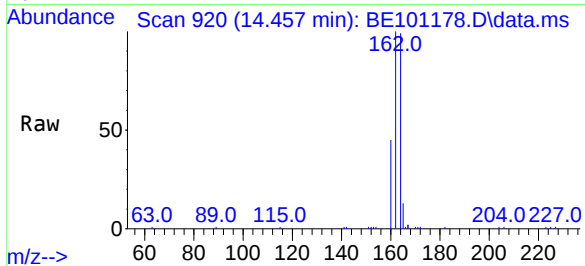




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

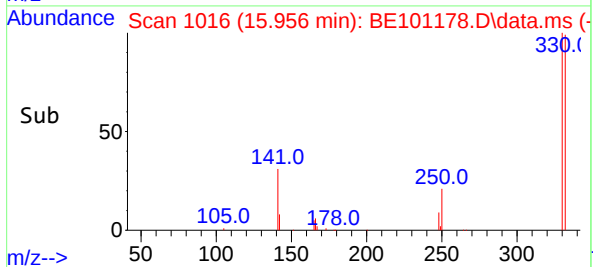
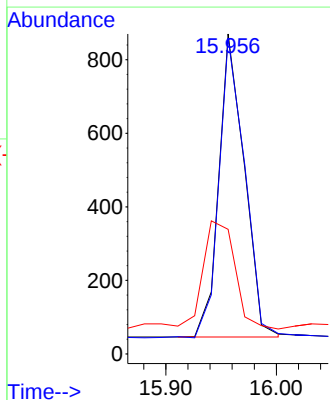
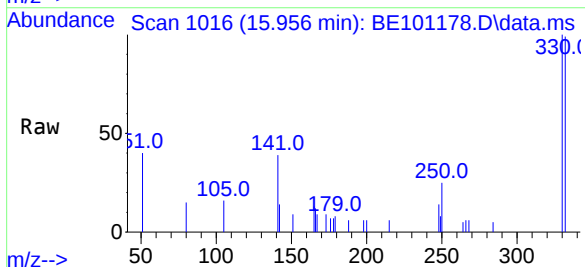
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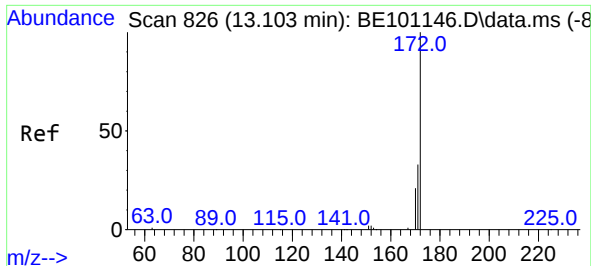
Tgt Ion:164 Resp: 12048
Ion Ratio Lower Upper
164 100
162 101.4 76.6 115.0
160 45.4 34.5 51.7



#14
2,4,6-Tribromophenol
Concen: 0.61 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion:330 Resp: 1315
Ion Ratio Lower Upper
330 100
332 100.6 69.1 103.7
141 44.9 30.6 45.8

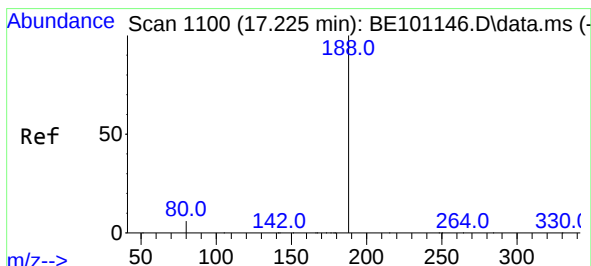
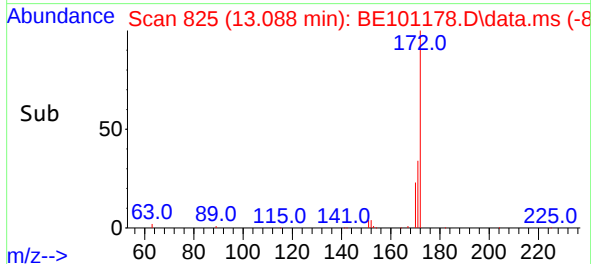
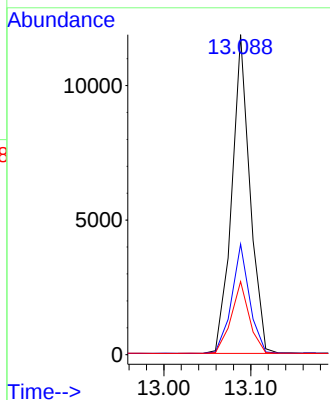
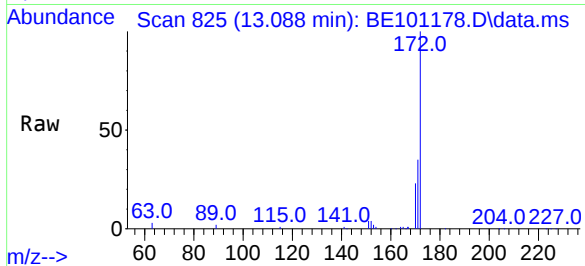




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.000 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

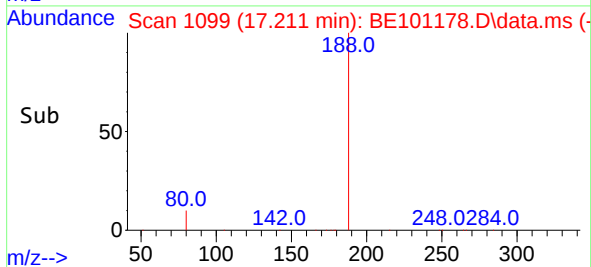
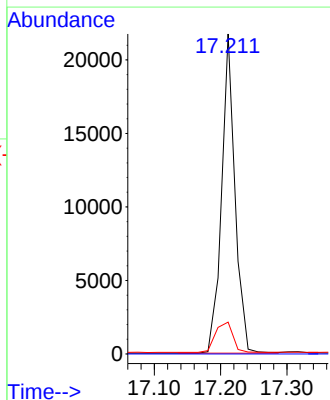
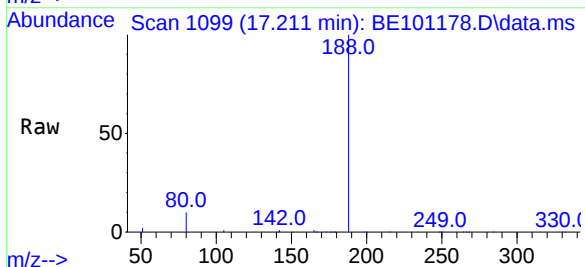
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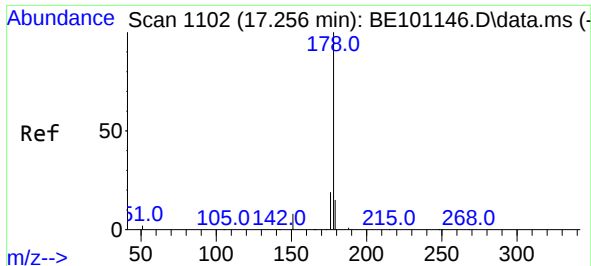
Tgt Ion:172 Resp: 17187
Ion Ratio Lower Upper
172 100
171 34.6 26.4 39.6
170 22.8 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion:188 Resp: 30531
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 4.8 7.2#

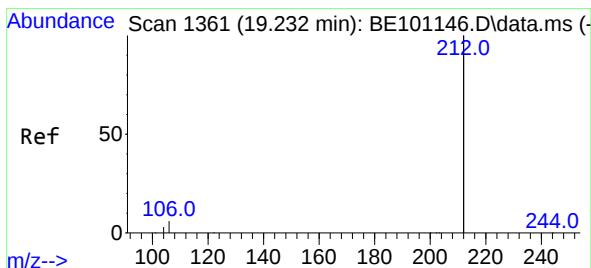
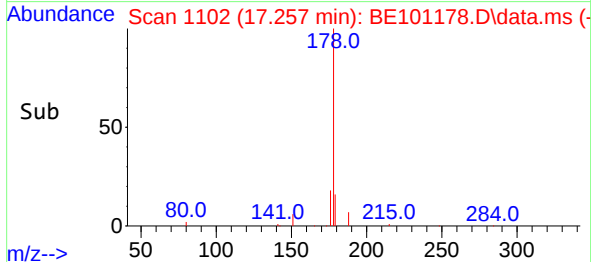
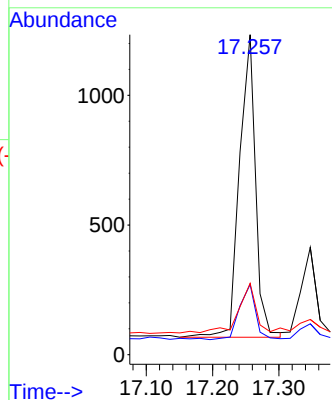
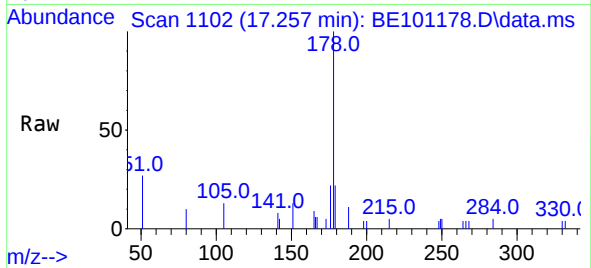




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.257 min Scan# 1102
Delta R.T. -0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

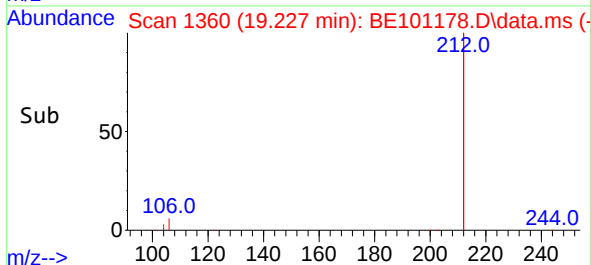
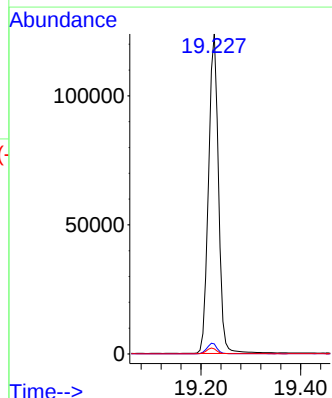
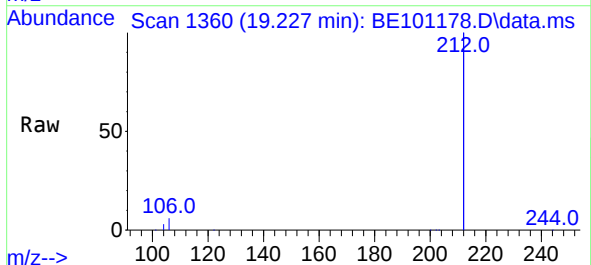
Instrument :
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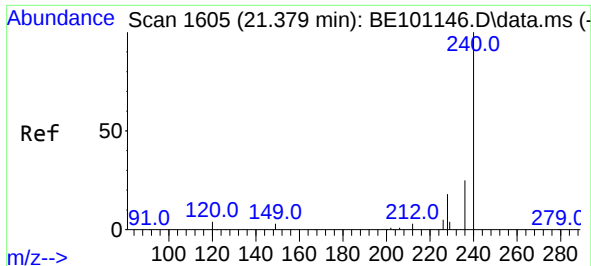
Tgt Ion:178 Resp: 1964
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 18.7 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.227 min Scan# 1360
Delta R.T. 0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion:212 Resp: 171582
Ion Ratio Lower Upper
212 100
106 3.3 2.6 3.8
104 1.9 1.4 2.2

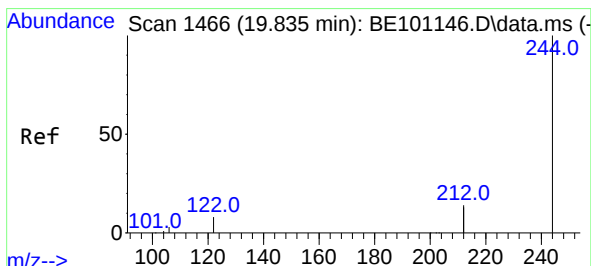
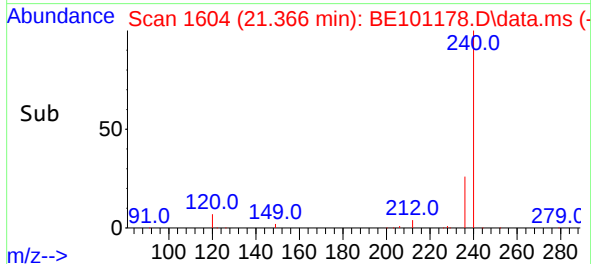
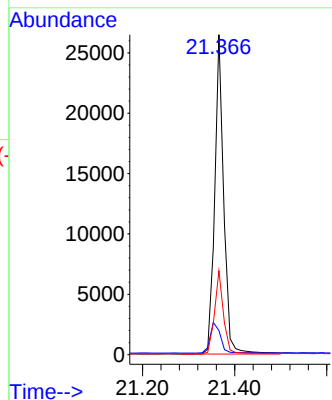
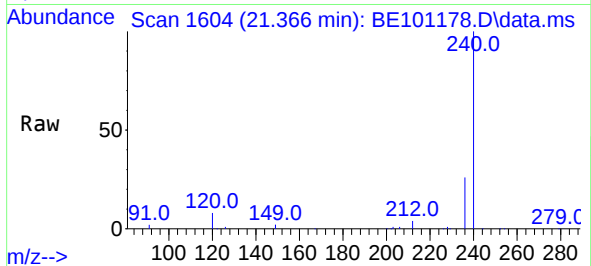




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

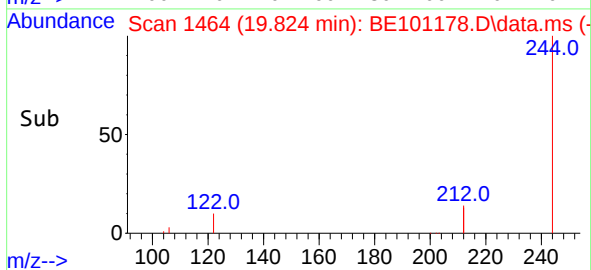
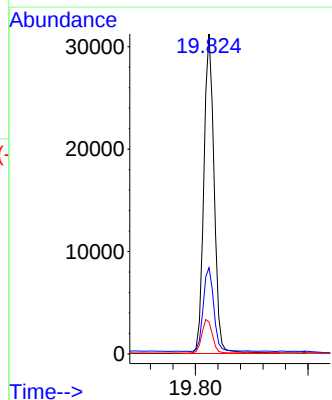
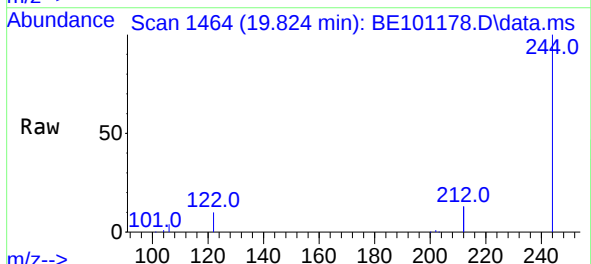
Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

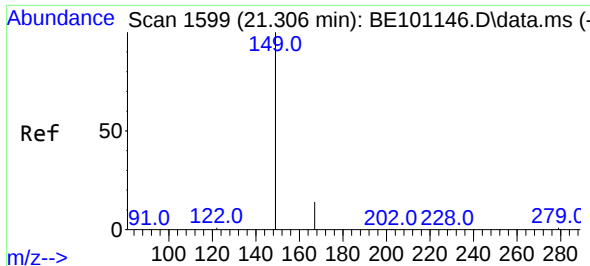
Tgt Ion:240 Resp: 35756
Ion Ratio Lower Upper
240 100
120 7.5 4.1 6.1#
236 26.2 20.3 30.5



#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.824 min Scan# 1464
Delta R.T. 0.001 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion:244 Resp: 39655
Ion Ratio Lower Upper
244 100
212 27.0 21.7 32.5
122 10.0 6.6 10.0#

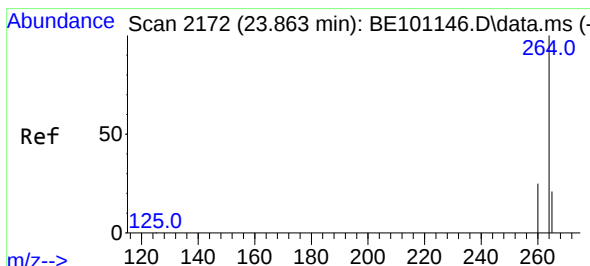
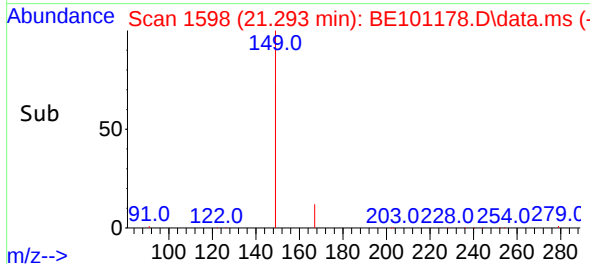
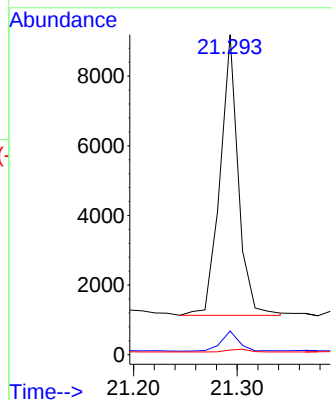
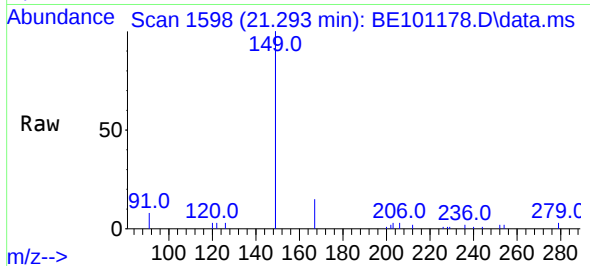




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.293 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

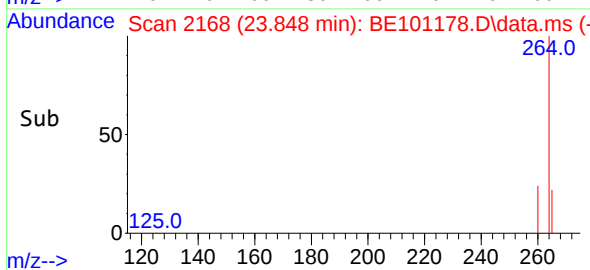
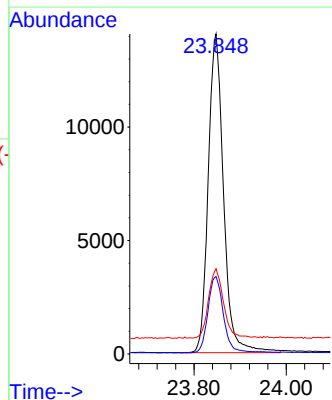
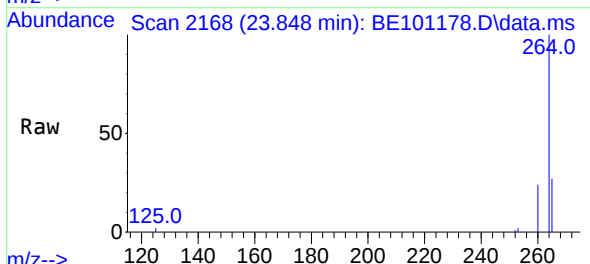
Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

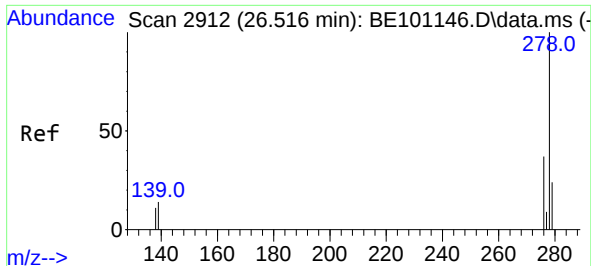
Tgt Ion:149 Resp: 9815
Ion Ratio Lower Upper
149 100
167 7.0 5.4 8.2
279 1.2 0.9 1.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.848 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Tgt Ion:264 Resp: 32408
Ion Ratio Lower Upper
264 100
260 24.2 20.5 30.7
265 26.6 20.6 30.8





#40
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.491 min Scan# 2905
Delta R.T. -0.008 min
Lab File: BE101178.D
Acq: 1 Apr 2021 15:29

Instrument :
BNA_E
ClientSampleId :
DUP08-20210325

Tgt Ion:278 Resp: 521
Ion Ratio Lower Upper
278 100
139 46.1 12.0 18.0#
279 54.8 20.2 30.4#

