

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101183.D
 Acq On : 1 Apr 2021 18:34
 Operator : CG/JU
 Sample : M1843-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP06-20210324

Quant Time: Apr 02 02:27:53 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)

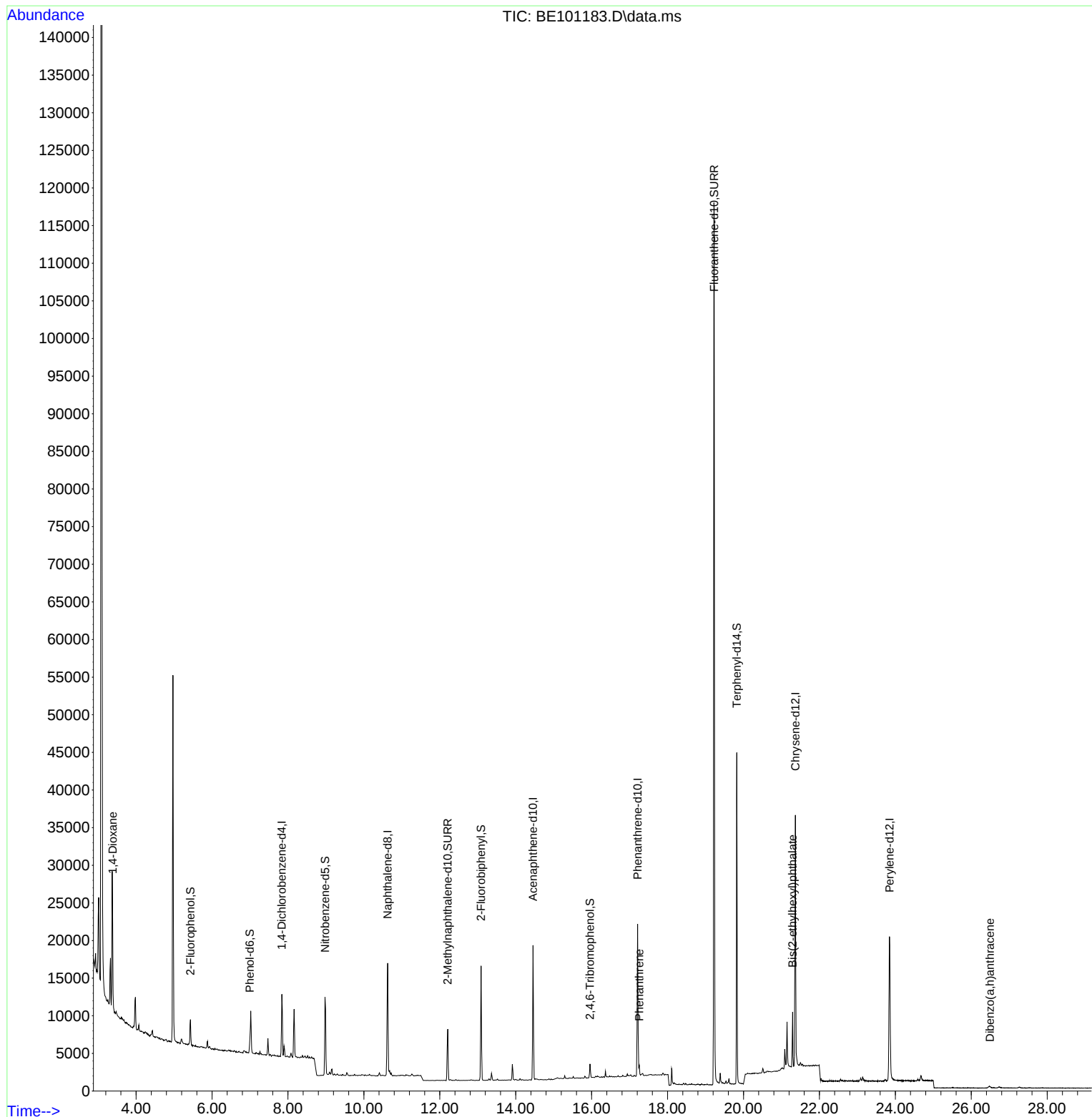
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	3729	0.40	ng	-0.01
7) Naphthalene-d8	10.627	136	15868	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	9867	0.40	ng	-0.02
19) Phenanthrene-d10	17.211	188	26427	0.40	ng	#-0.01
29) Chrysene-d12	21.365	240	33289	0.40	ng	#-0.01
36) Perylene-d12	23.848	264	29964	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1688	0.19	ng	0.00
5) Phenol-d6	6.998	99	1459	0.11	ng	0.00
8) Nitrobenzene-d5	8.977	82	4088	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.209	152	8823	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	974	0.55	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	12792	0.35	ng	-0.02
27) Fluoranthene-d10	19.227	212	160437	0.48	ng	0.00
31) Terphenyl-d14	19.824	244	38106	0.50	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	10393	1.72	ng	# 88
25) Phenanthrene	17.257	178	1547	0.02	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.292	149	7465	0.13	ng	# 99
40) Dibenzo(a,h)anthracene	26.491	278	254	0.11	ng	# 1

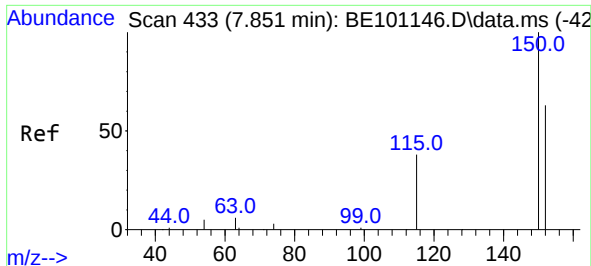
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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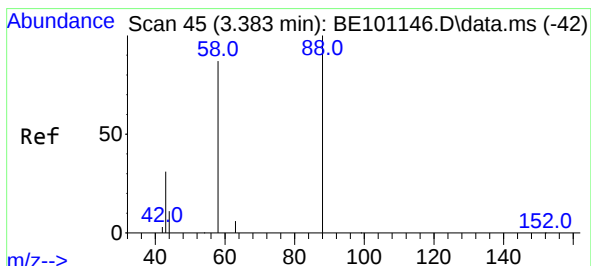
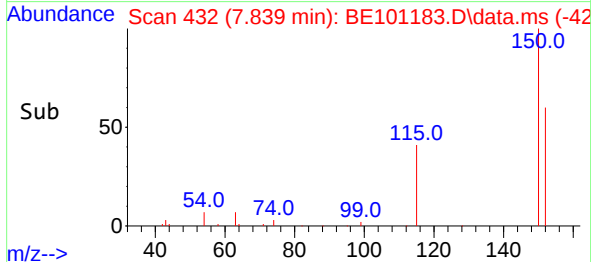
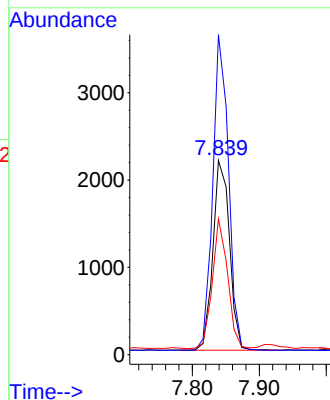
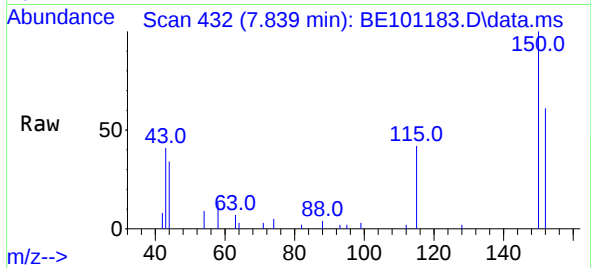




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.839 min Scan# 432
Delta R.T. -0.012 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

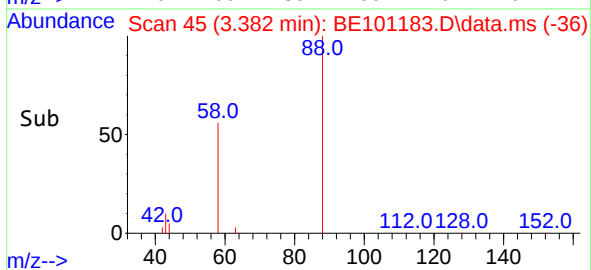
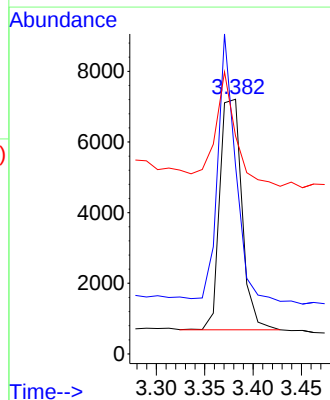
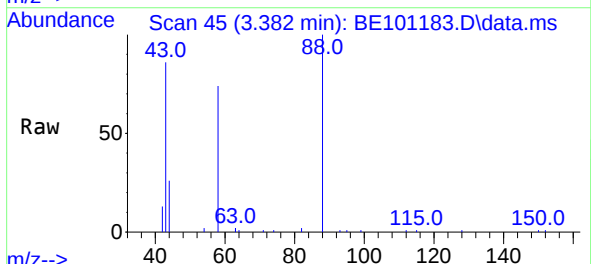
Instrument :
BNA_E
ClientSampleId :
DUP06-20210324

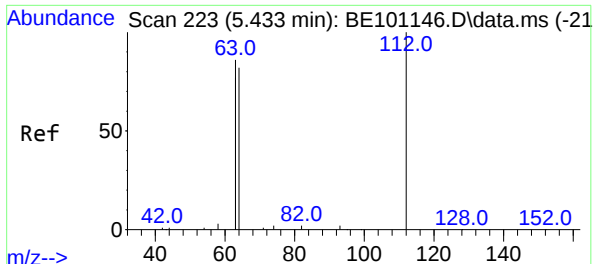
Tgt Ion:152 Resp: 3729
Ion Ratio Lower Upper
152 100
150 164.7 126.3 189.5
115 69.9 48.9 73.3



#2
1,4-Dioxane
Concen: 1.72 ng
RT: 3.382 min Scan# 45
Delta R.T. -0.001 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion: 88 Resp: 10393
Ion Ratio Lower Upper
88 100
58 93.1 68.5 102.7
43 46.7 27.2 40.8

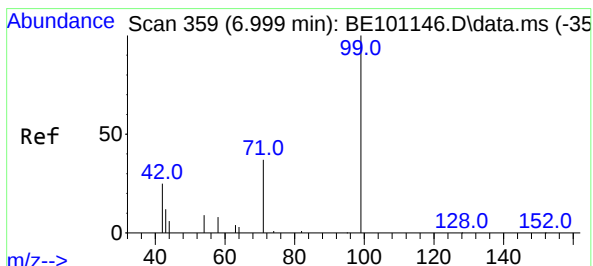
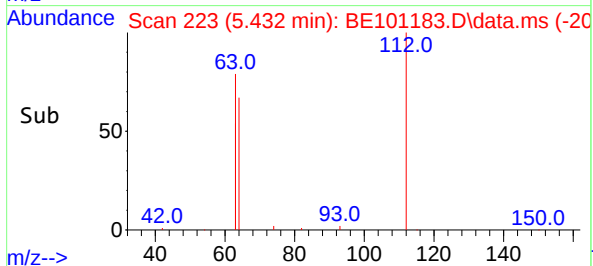
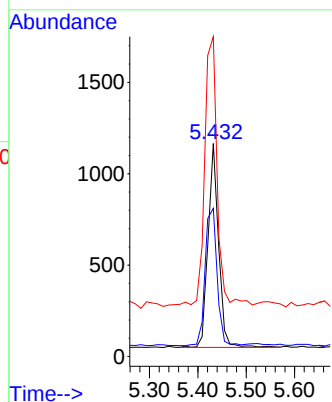
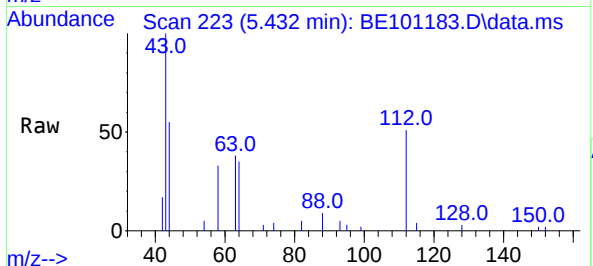




#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

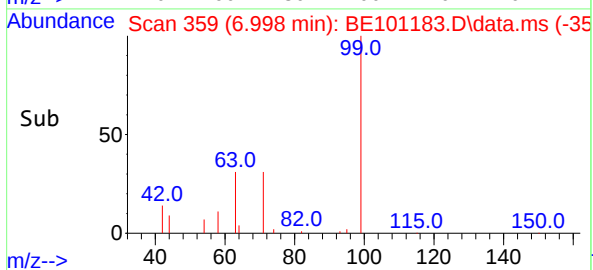
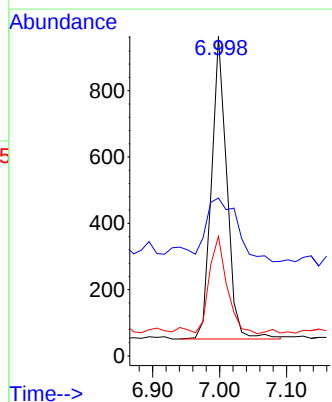
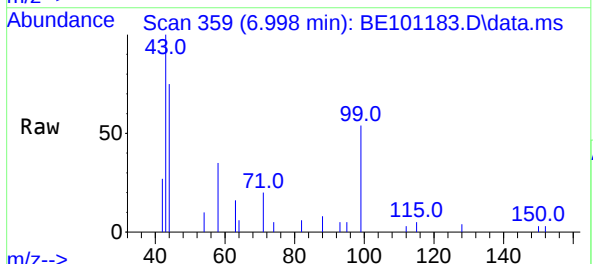
Instrument :
BNA_E
ClientSampleId :
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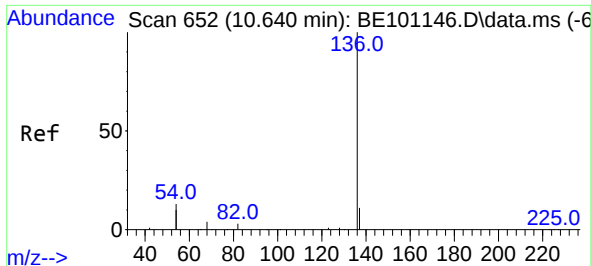
Tgt Ion:112 Resp: 1688
Ion Ratio Lower Upper
112 100
64 75.9 60.8 91.2
63 162.6 119.4 179.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion: 99 Resp: 1459
Ion Ratio Lower Upper
99 100
42 41.7 18.8 28.2#
71 38.6 26.3 39.5

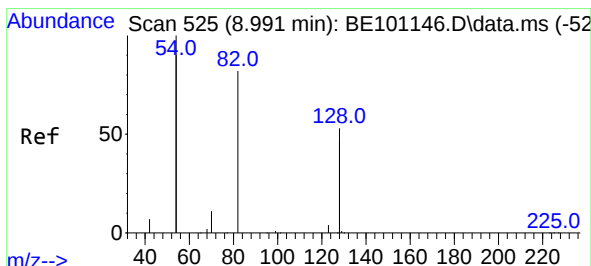
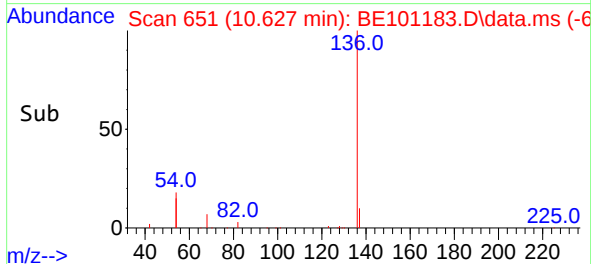
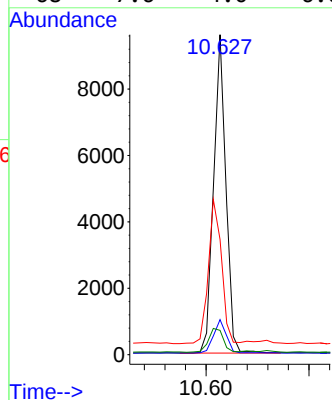
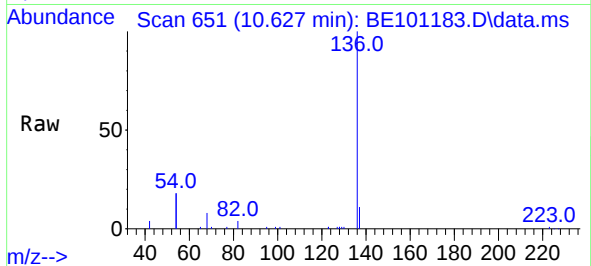




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

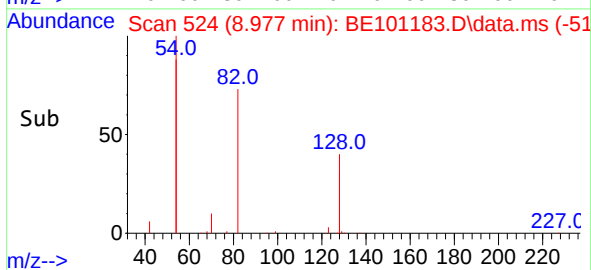
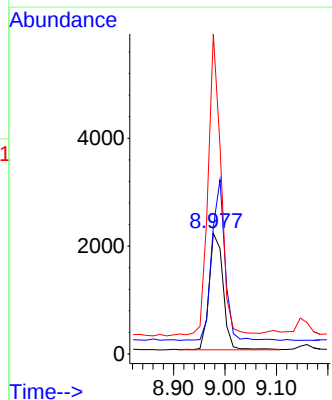
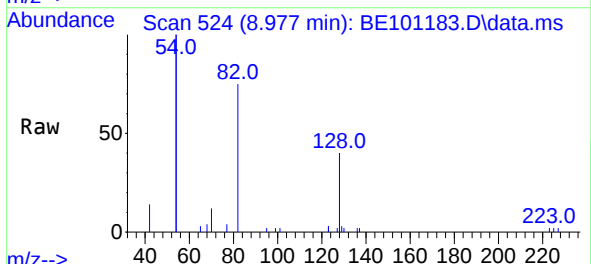
Instrument :
BNA_E
ClientSampleId :
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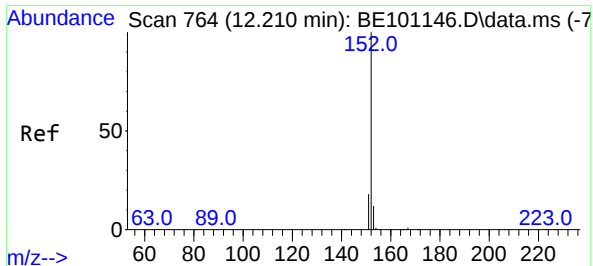
Tgt Ion:	136	Resp:	15868
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	36.0	20.2	30.4#
68	7.6	4.0	6.0#



#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.013 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion:	82	Resp:	4088
Ion	Ratio	Lower	Upper
82	100		
128	105.2	101.5	152.3
54	265.1	189.8	284.6

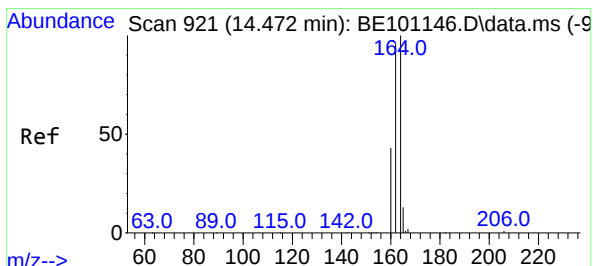
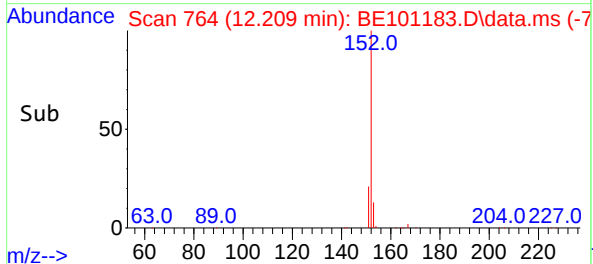
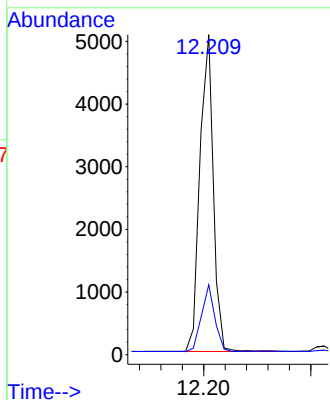
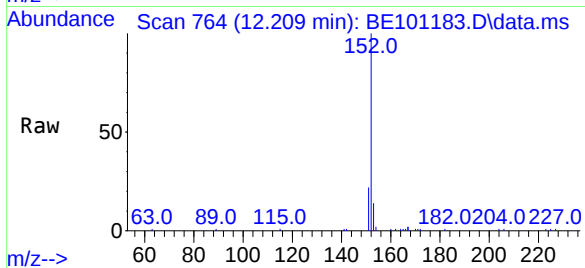




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

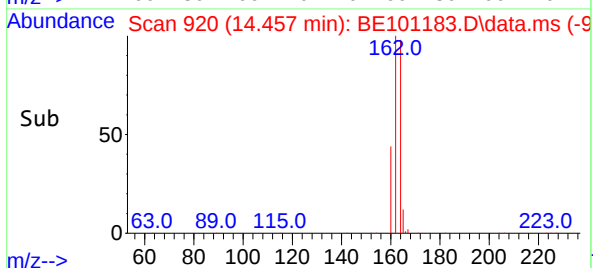
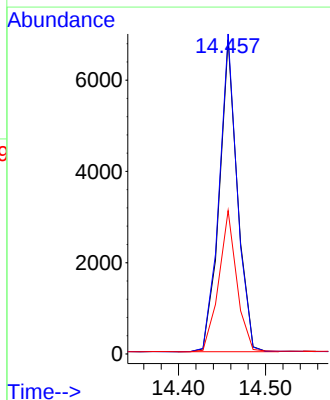
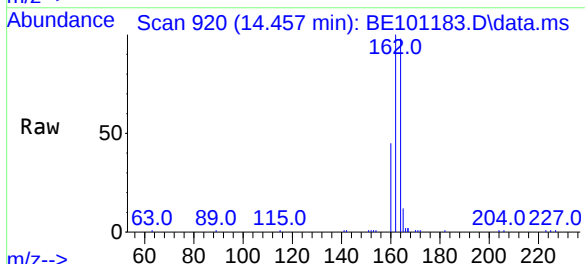
Instrument :
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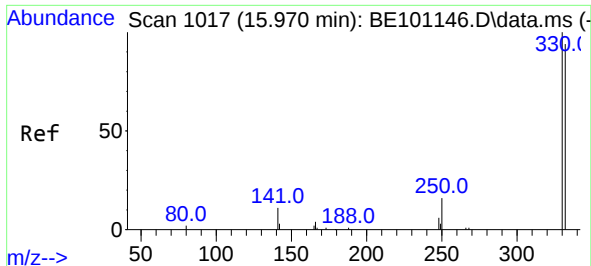
Tgt Ion:152 Resp: 8823
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.015 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion:164 Resp: 9867
Ion Ratio Lower Upper
164 100
162 101.8 76.6 115.0
160 45.6 34.5 51.7

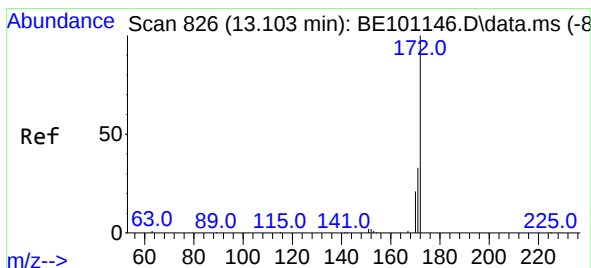
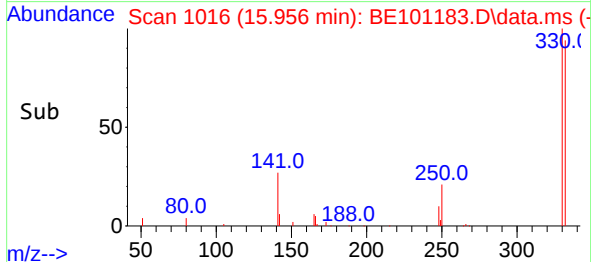
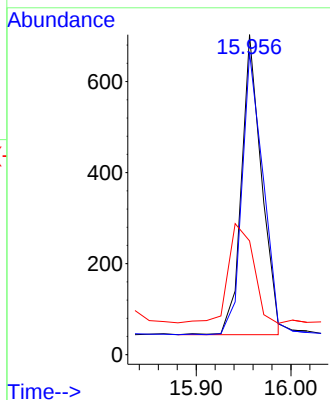
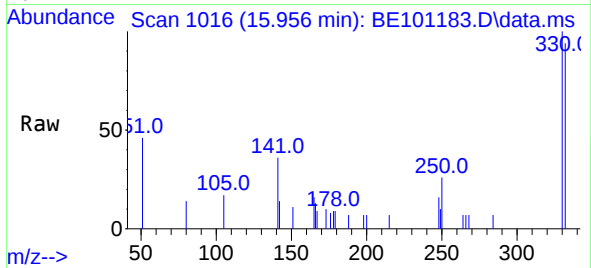




#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

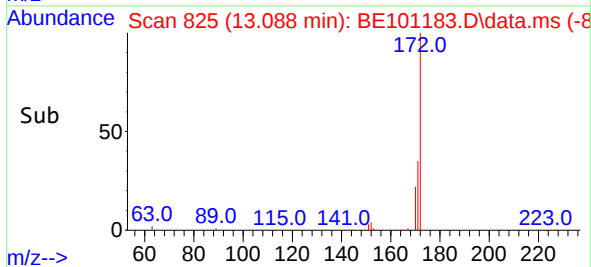
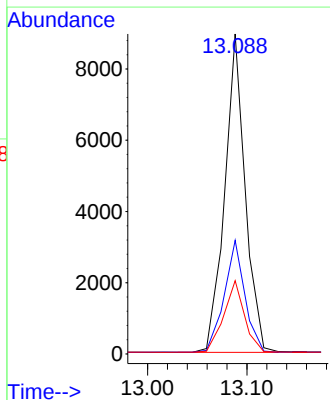
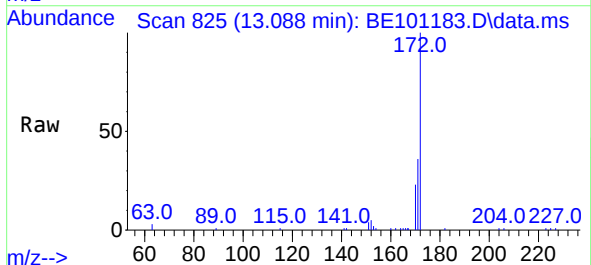
Instrument :
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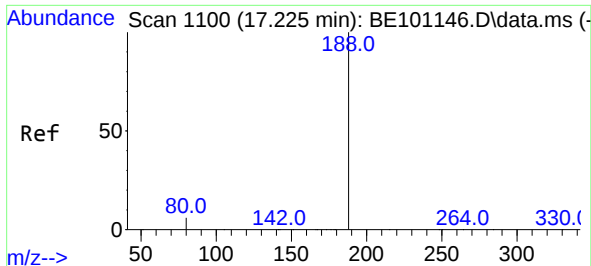
Tgt Ion: 330 Resp: 974
Ion Ratio Lower Upper
330 100
332 98.4 69.1 103.7
141 41.6 30.6 45.8



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion: 172 Resp: 12792
Ion Ratio Lower Upper
172 100
171 35.5 26.4 39.6
170 22.9 17.4 26.0

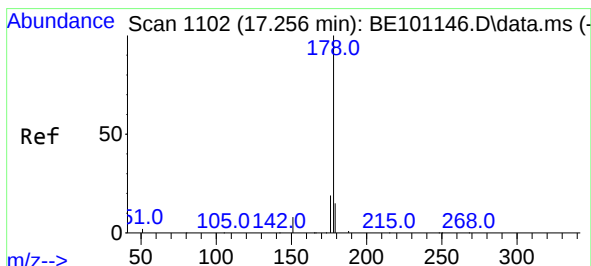
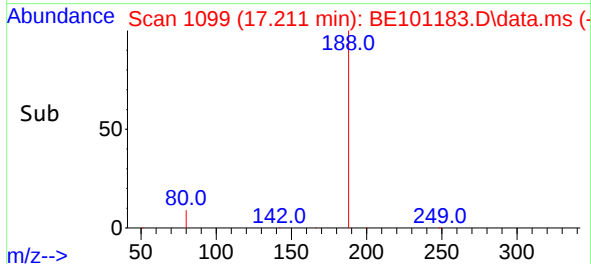
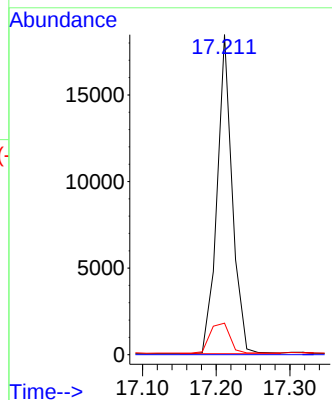
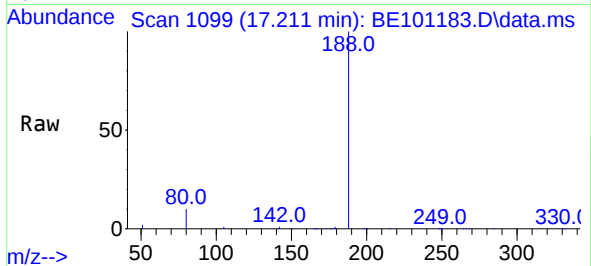




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

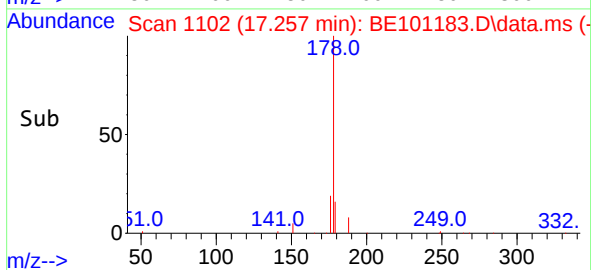
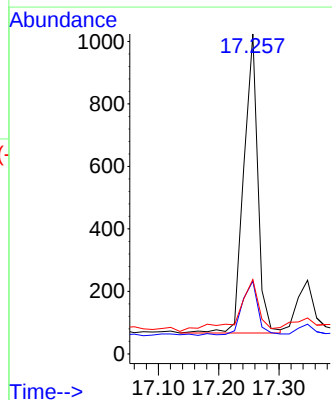
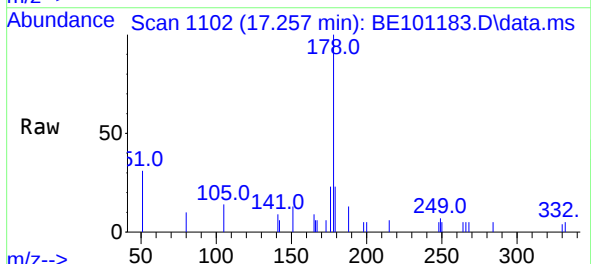
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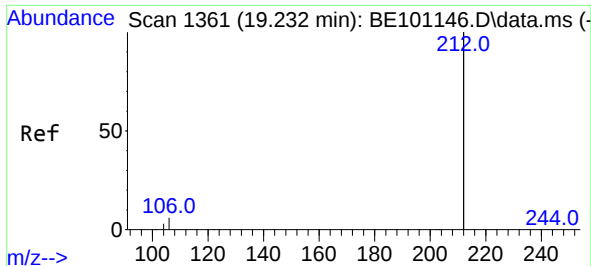
Tgt Ion:188 Resp: 26427
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 4.8 7.2#



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.257 min Scan# 1102
Delta R.T. 0.001 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion:178 Resp: 1547
Ion Ratio Lower Upper
178 100
176 21.1 14.7 22.1
179 25.0 12.4 18.6#

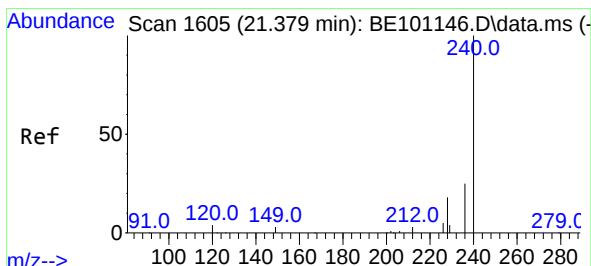
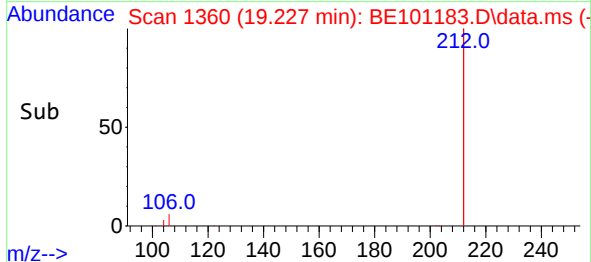
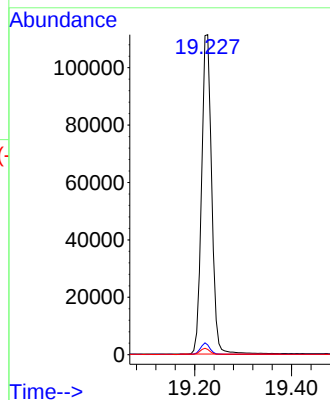
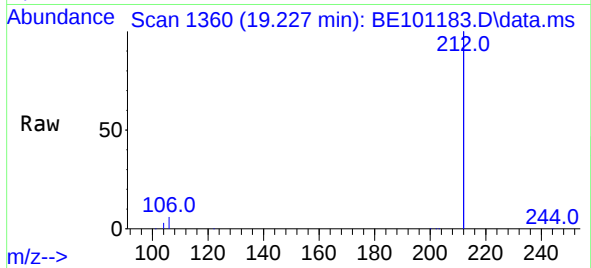




#27
Fluoranthene-d10
Concen: 0.48 ng
RT: 19.227 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

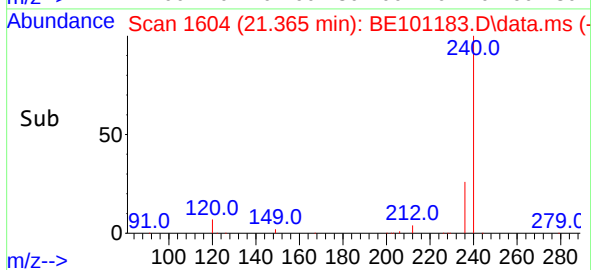
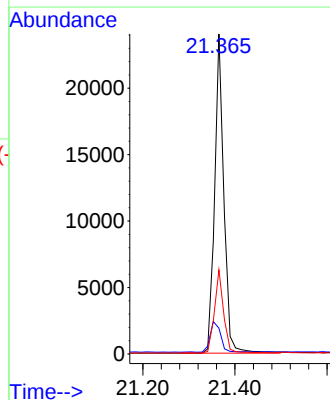
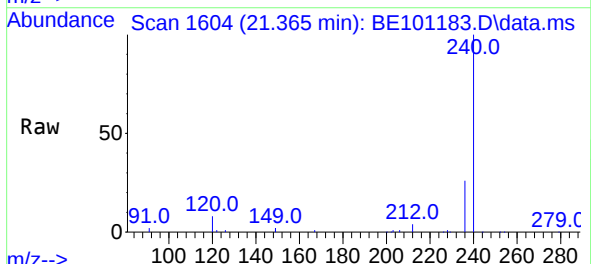
Instrument :
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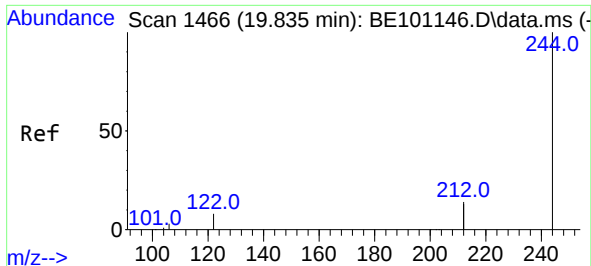
Tgt Ion:212 Resp: 160437
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 1.9 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion:240 Resp: 33289
Ion Ratio Lower Upper
240 100
120 8.1 4.1 6.1#
236 26.3 20.3 30.5

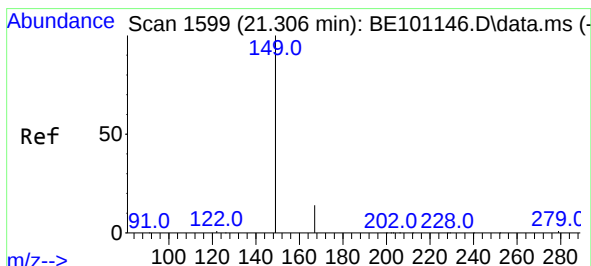
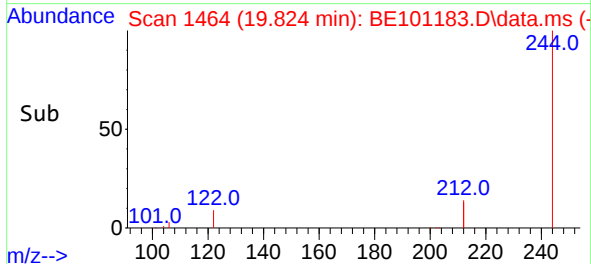
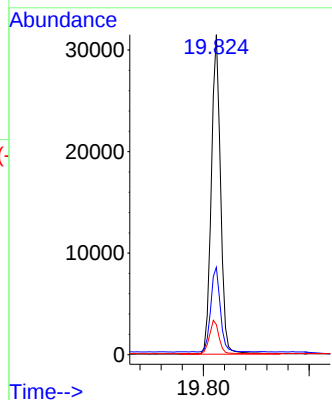
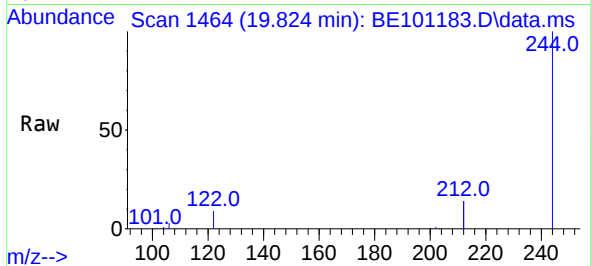




#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.824 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

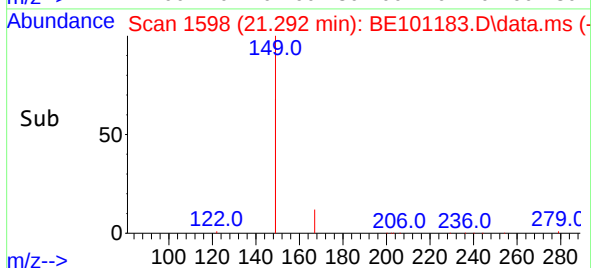
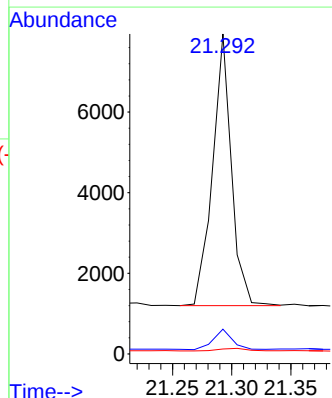
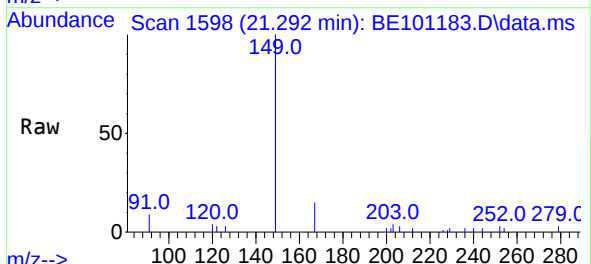
Instrument :
BNA_E
ClientSampleId :
DUP06-20210324

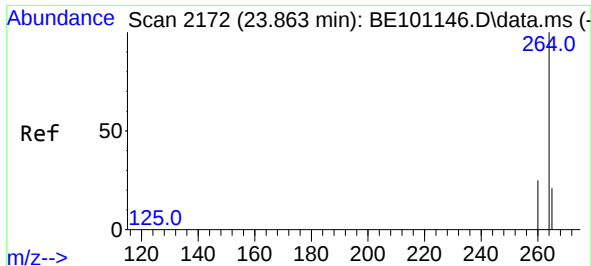
Tgt Ion:244 Resp: 38106
Ion Ratio Lower Upper
244 100
212 27.3 21.7 32.5
122 9.4 6.6 10.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.292 min Scan# 1598
Delta R.T. -0.013 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion:149 Resp: 7465
Ion Ratio Lower Upper
149 100
167 7.2 5.4 8.2
279 1.4 0.9 1.3#



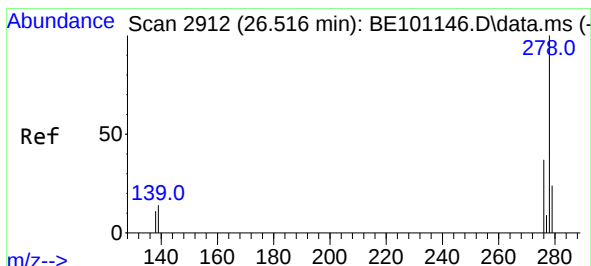
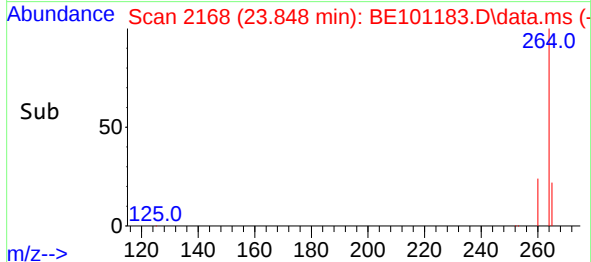
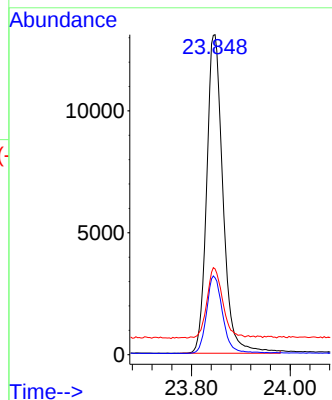
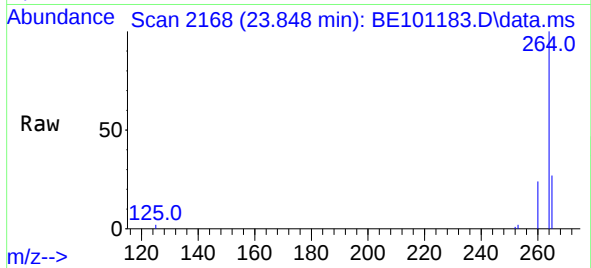


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.848 min Scan# 2168
Delta R.T. -0.015 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Instrument :
BNA_E
ClientSampleId :
DUP06-20210324

Tgt Ion:264 Resp: 29964

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.5	30.7
265	26.8	20.6	30.8



#40
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.491 min Scan# 2905
Delta R.T. -0.025 min
Lab File: BE101183.D
Acq: 1 Apr 2021 18:34

Tgt Ion:278 Resp: 254

Ion	Ratio	Lower	Upper
278	100		
139	67.4	12.0	18.0#
279	85.9	20.2	30.4#

