

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101166.D
 Acq On : 31 Mar 2021 17:36
 Operator : CG/JU
 Sample : M1843-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW178I-20210324

Quant Time: Mar 31 18:19:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:11:33 2021
 Response via : Initial Calibration

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

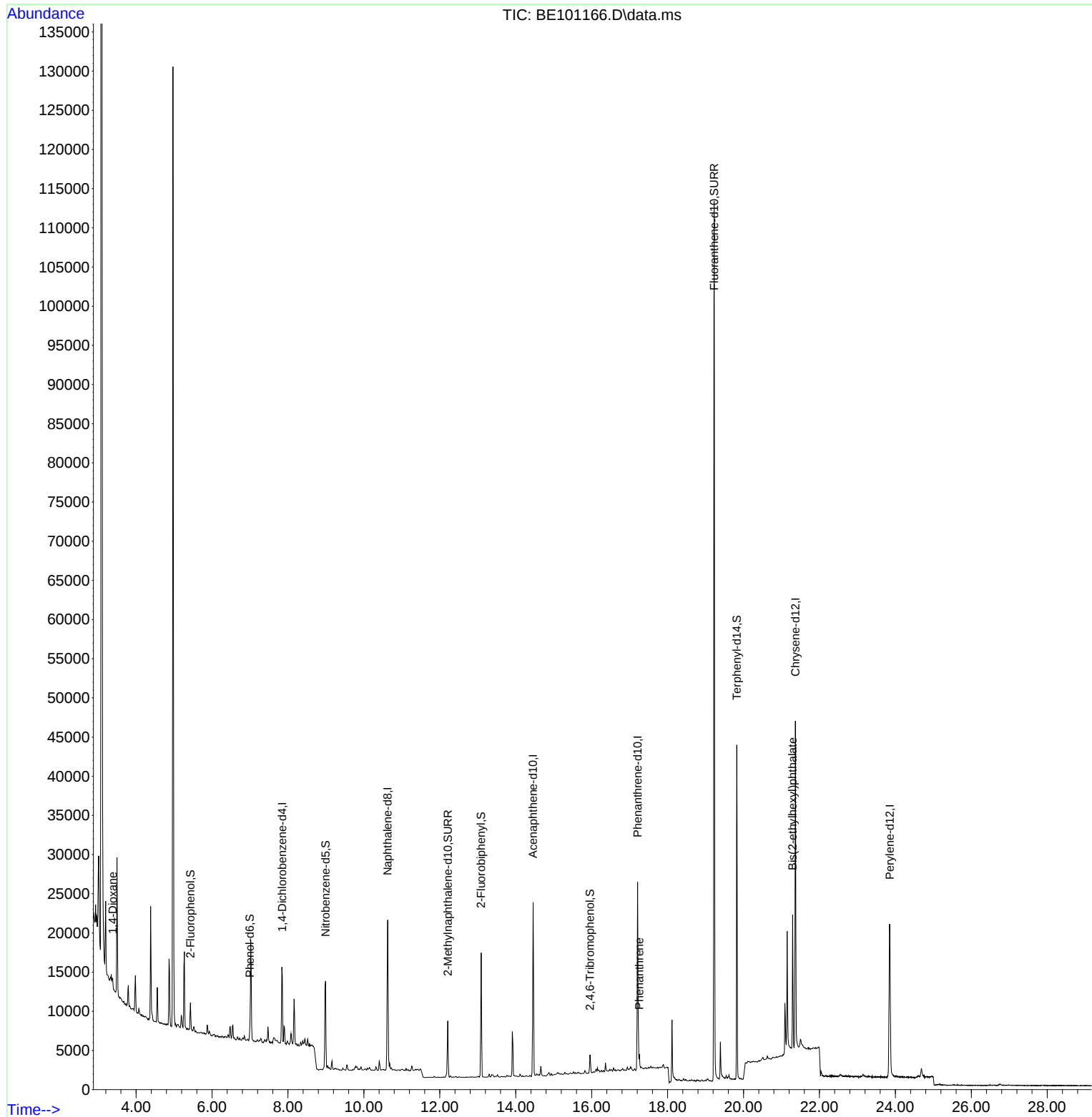
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4534	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	19520	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	12354	0.40	ng	-0.01
19) Phenanthrene-d10	17.211	188	30718	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	39166	0.40	ng	#-0.01
36) Perylene-d12	23.851	264	31238	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1661	0.16	ng	0.00
5) Phenol-d6	6.998	99	1518	0.09	ng	0.00
8) Nitrobenzene-d5	8.990	82	4424	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9015	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1363	0.62	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	13236	0.29	ng	-0.01
27) Fluoranthene-d10	19.226	212	145871	0.38	ng	0.00
31) Terphenyl-d14	19.824	244	36217	0.41	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.382	88	855	0.12	ng	# 43
25) Phenanthrene	17.256	178	2022	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.293	149	18141	0.27	ng	99

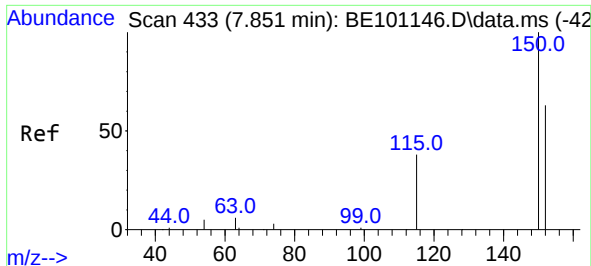
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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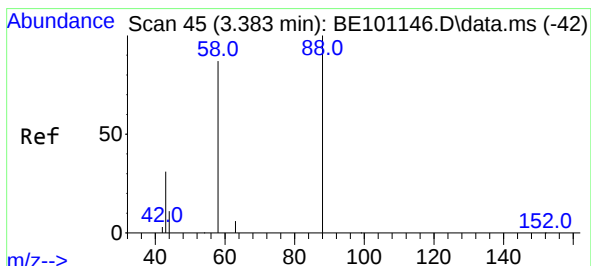
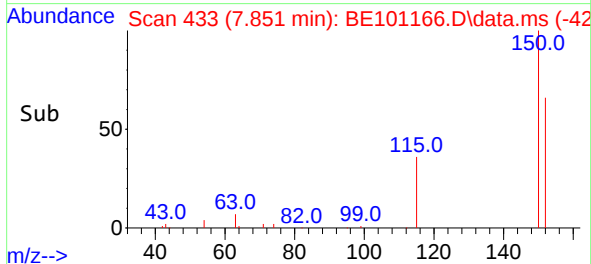
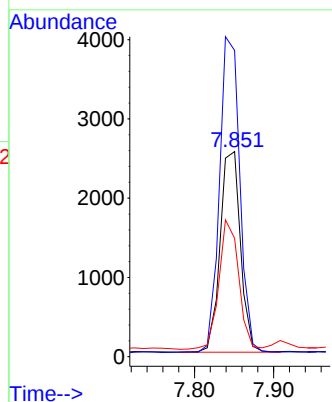
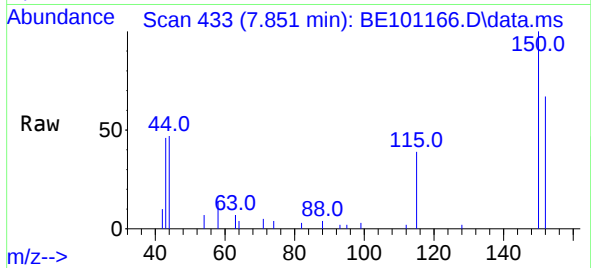




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.851 min Scan# 433
Delta R.T. -0.000 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

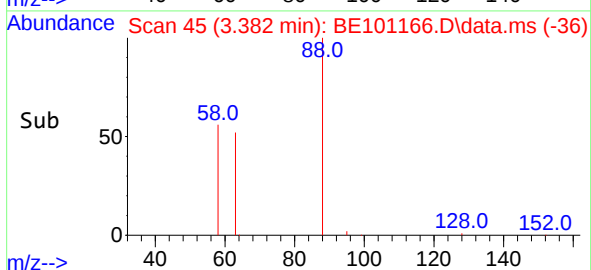
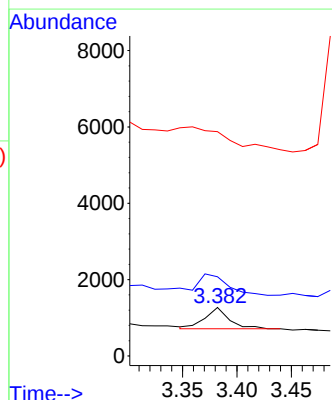
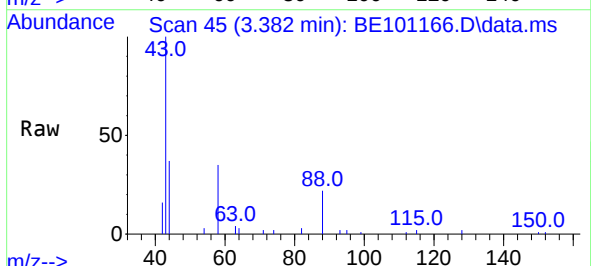
Instrument :
BNA_E
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MW178I-20210324

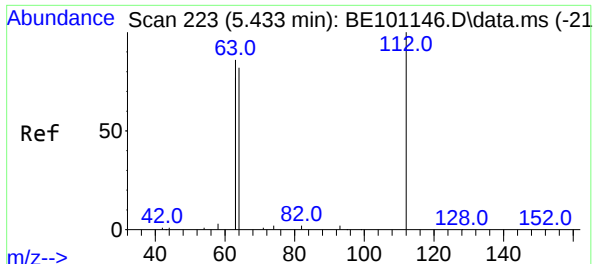
Tgt Ion:152 Resp: 4534
Ion Ratio Lower Upper
152 100
150 149.3 126.3 189.5
115 57.8 48.9 73.3



#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.382 min Scan# 45
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion: 88 Resp: 855
Ion Ratio Lower Upper
88 100
58 137.4 68.5 102.7#
43 0.0 27.2 40.8#

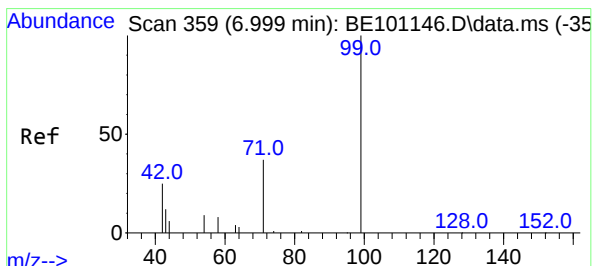
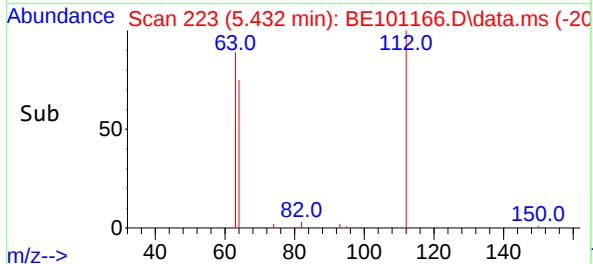
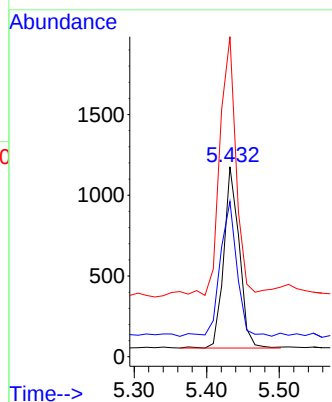
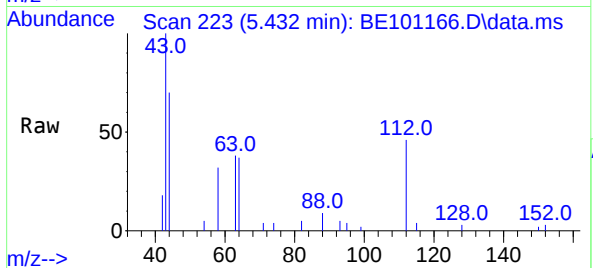




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

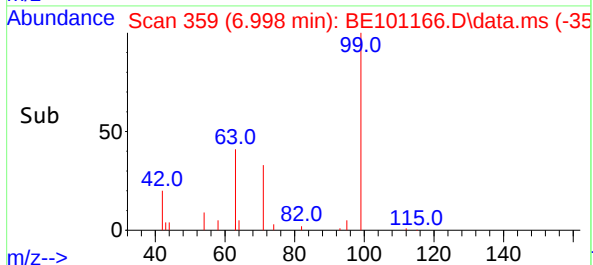
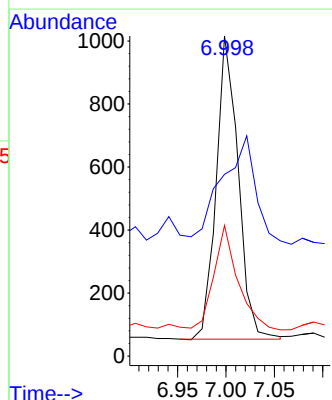
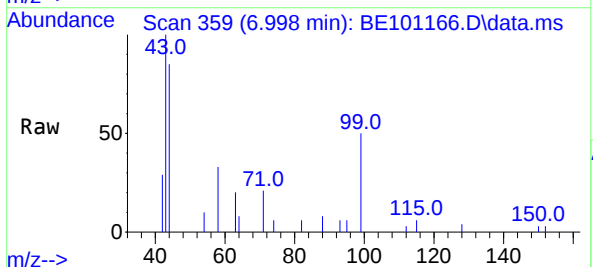
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

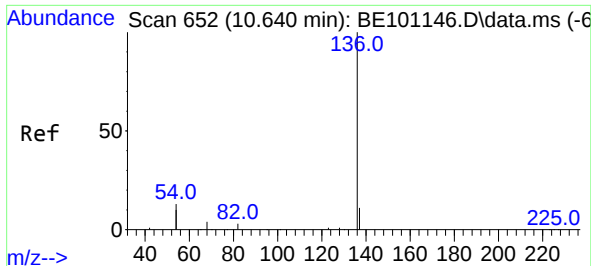
Tgt Ion:112 Resp: 1661
Ion Ratio Lower Upper
112 100
64 80.6 60.8 91.2
63 149.8 119.4 179.0



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion: 99 Resp: 1518
Ion Ratio Lower Upper
99 100
42 0.0 18.8 28.2#
71 37.9 26.3 39.5

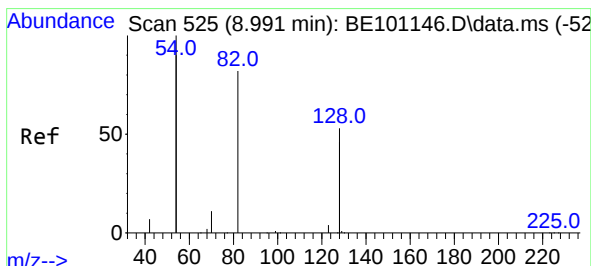
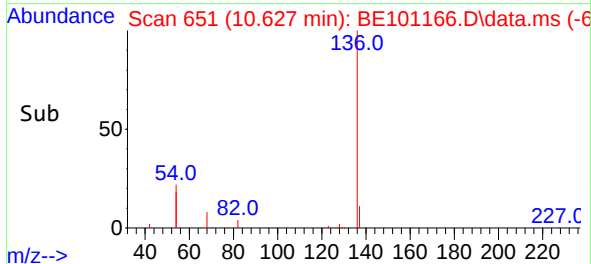
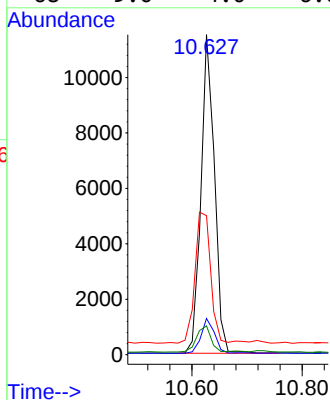
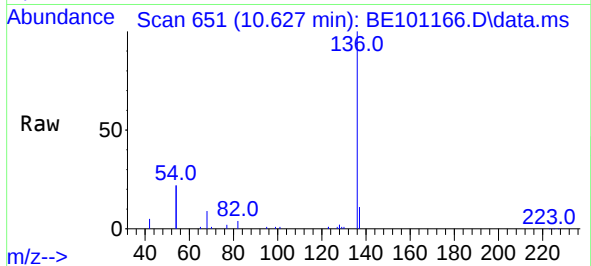




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

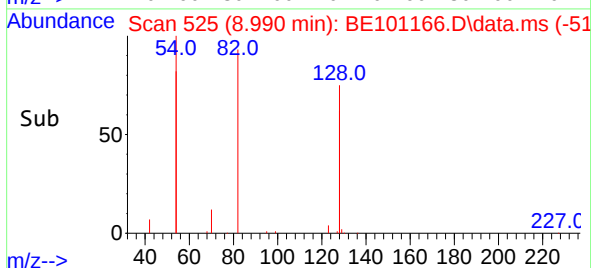
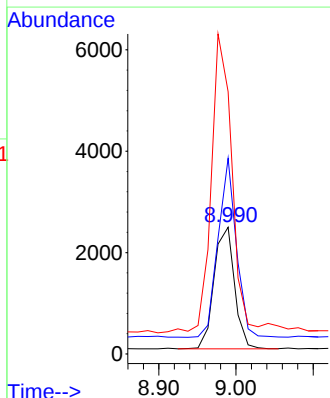
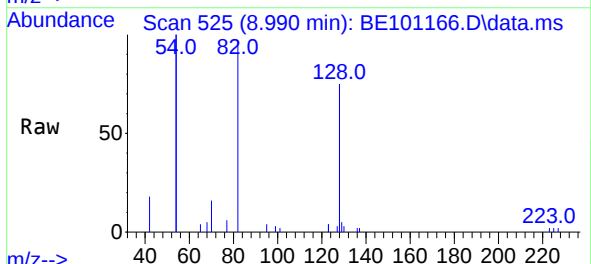
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

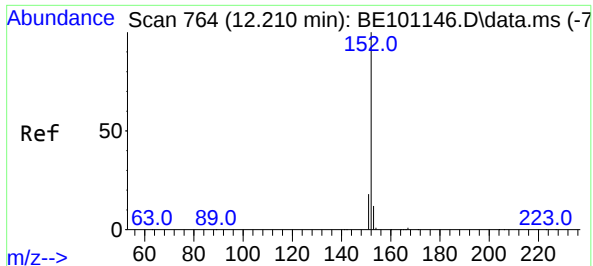
Tgt Ion:	136	Resp:	19520
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	43.5	20.2	30.4#
68	9.0	4.0	6.0#



#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.990 min Scan# 525
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:	82	Resp:	4424
Ion Ratio	Lower	Upper	
82	100		
128	154.4	101.5	152.3#
54	206.8	189.8	284.6

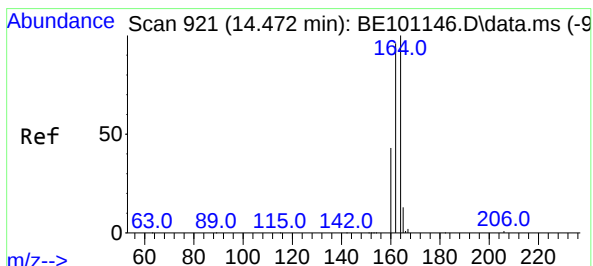
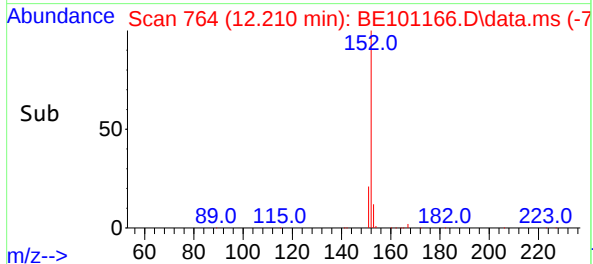
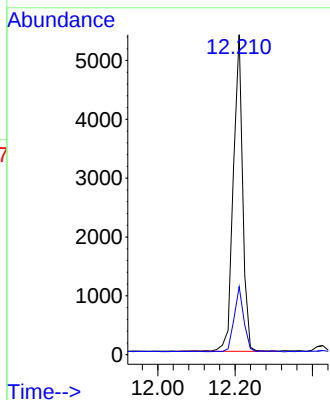
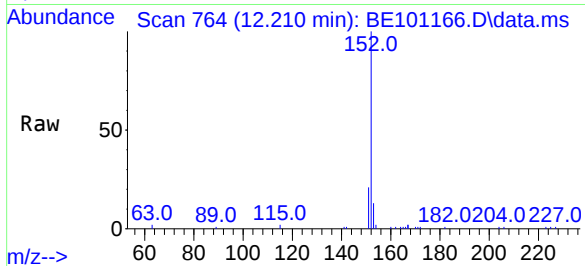




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

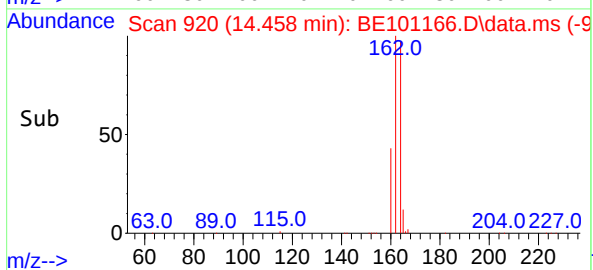
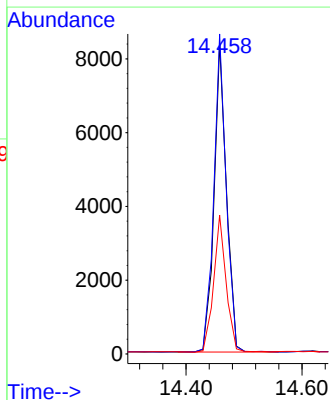
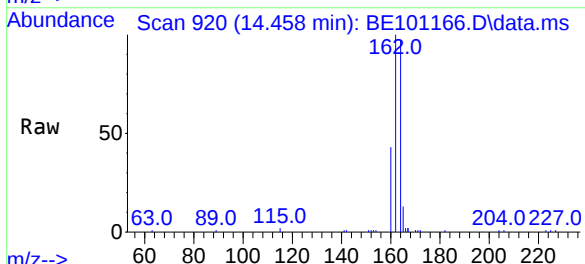
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

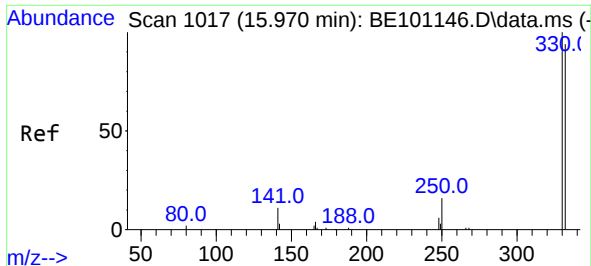
Tgt Ion:152 Resp: 9015
Ion Ratio Lower Upper
152 100
151 21.5 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:164 Resp: 12354
Ion Ratio Lower Upper
164 100
162 103.1 76.6 115.0
160 44.8 34.5 51.7

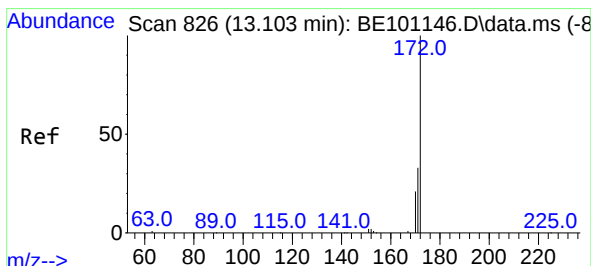
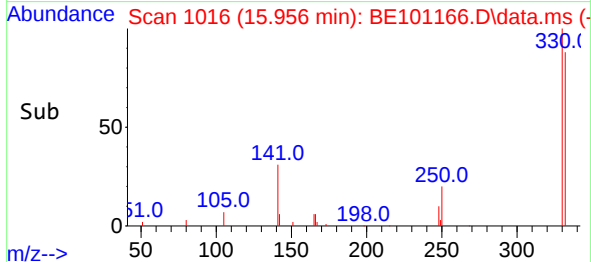
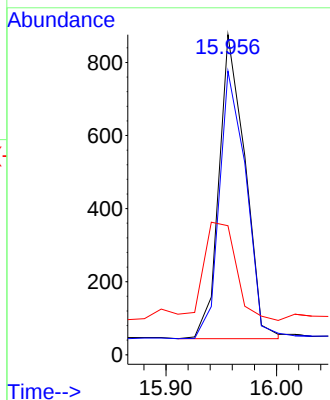
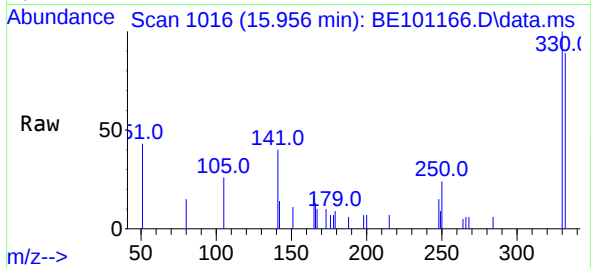




#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

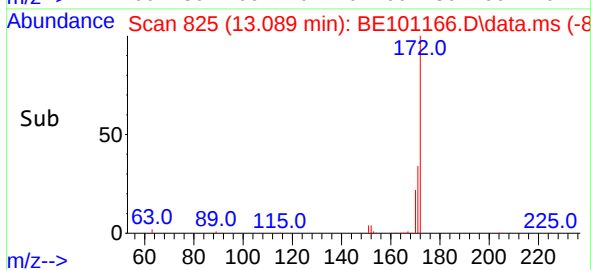
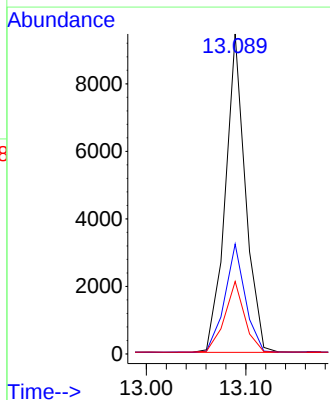
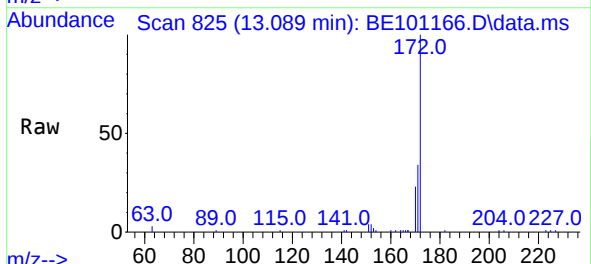
Instrument :
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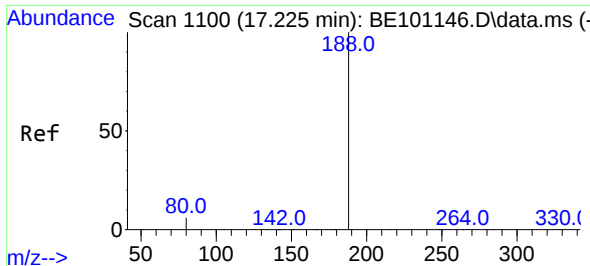
Tgt Ion:	330	Resp:	1363
Ion	Ratio	Lower	Upper
330	100		
332	90.0	69.1	103.7
141	43.2	30.6	45.8



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:	172	Resp:	13236
Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.4	39.6
170	22.6	17.4	26.0

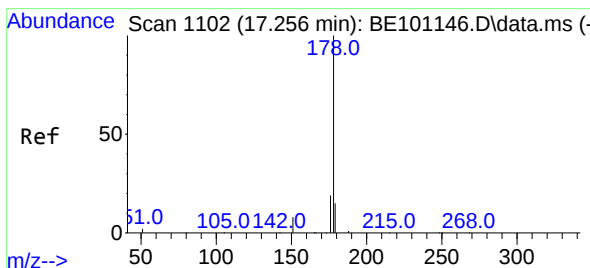
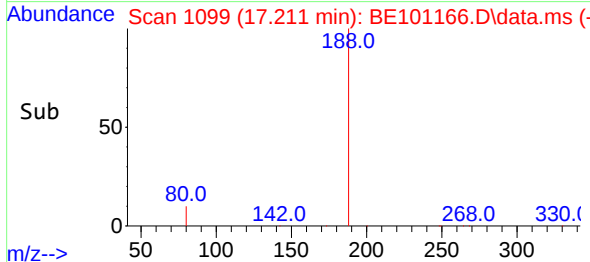
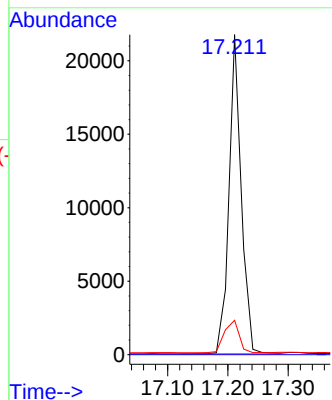
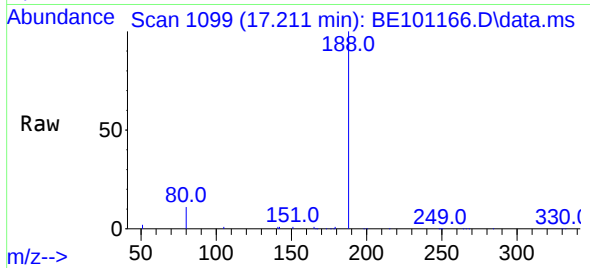




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

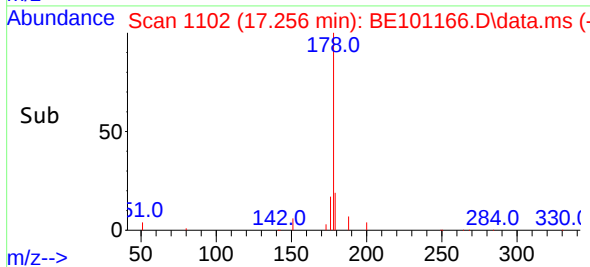
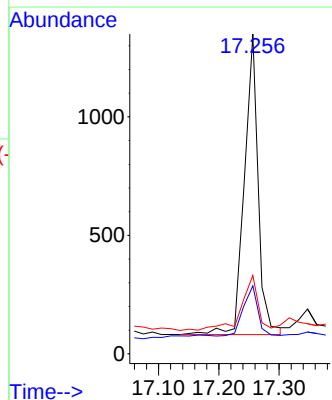
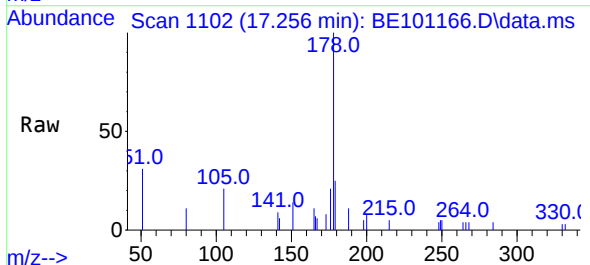
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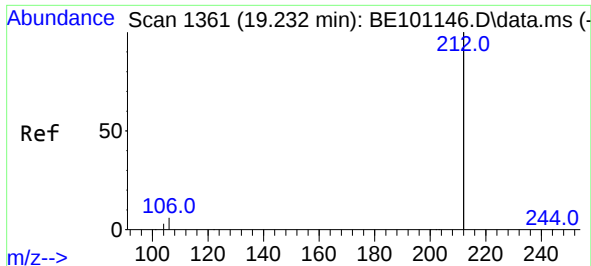
Tgt Ion:188 Resp: 30718
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 4.8 7.2#



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.256 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:178 Resp: 2022
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 21.8 12.4 18.6#



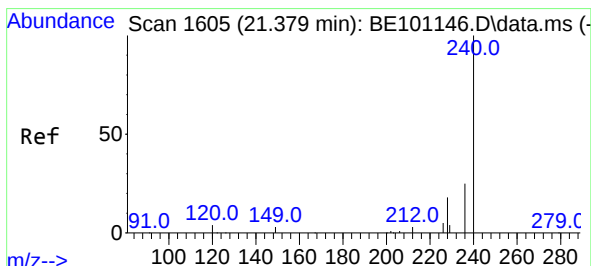
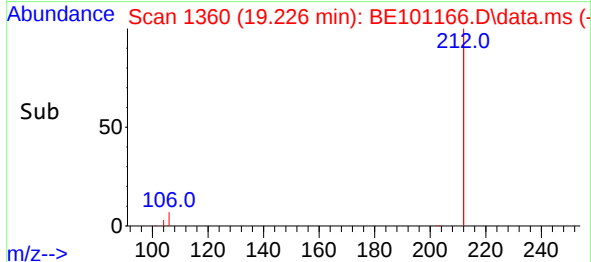
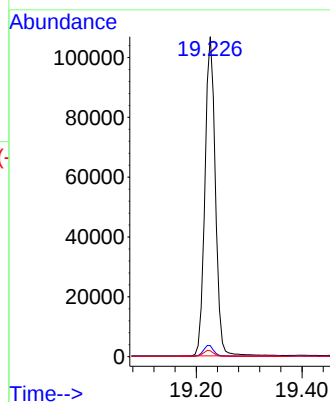
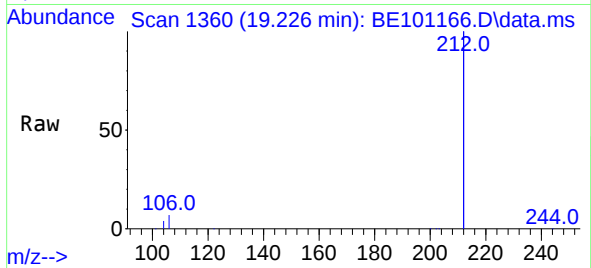


#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Instrument :
BNA_E
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Tgt Ion:212 Resp: 145871

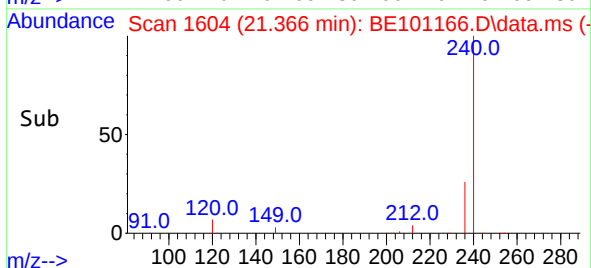
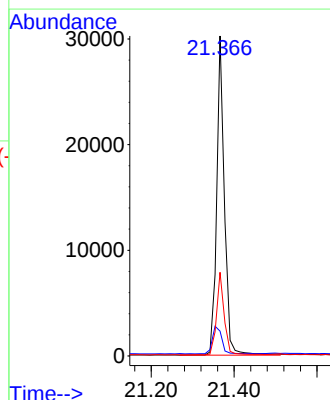
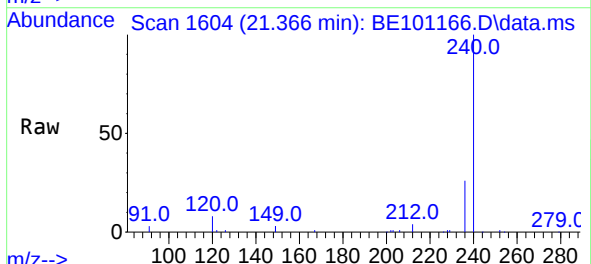
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.2

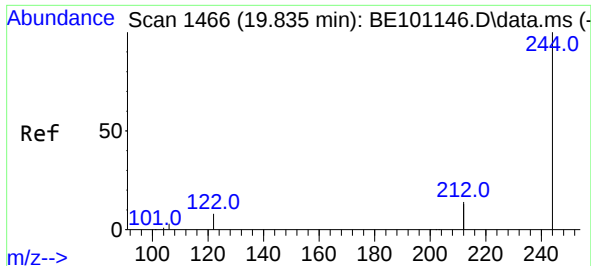


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:240 Resp: 39166

Ion	Ratio	Lower	Upper
240	100		
120	7.7	4.1	6.1
236	26.2	20.3	30.5

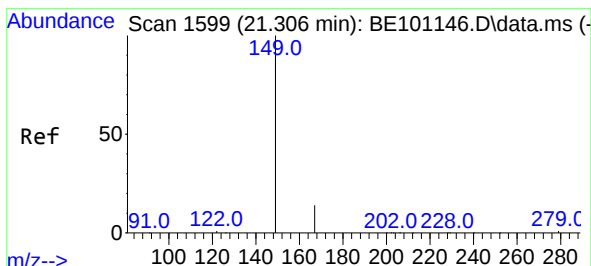
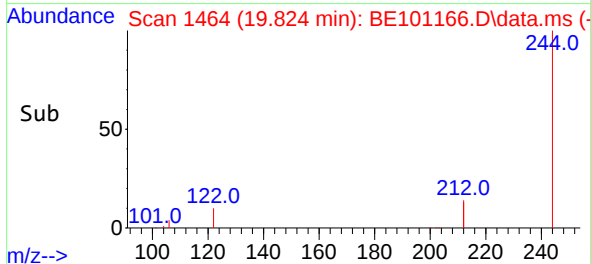
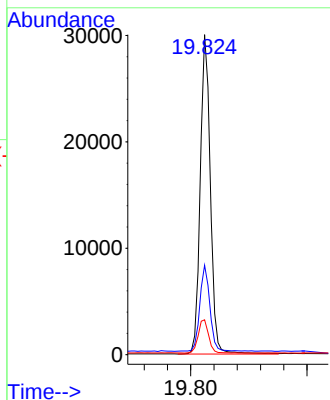
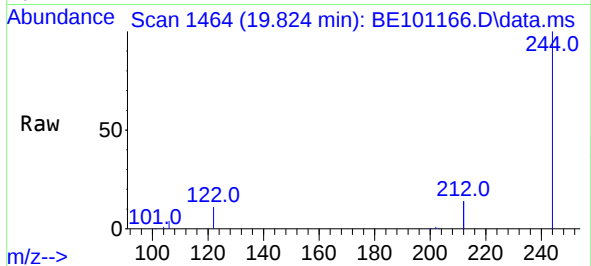




#31
 Terphenyl-d14
 Concen: 0.41 ng
 RT: 19.824 min Scan# 1464
 Delta R.T. -0.011 min
 Lab File: BE101166.D
 Acq: 31 Mar 2021 17:36

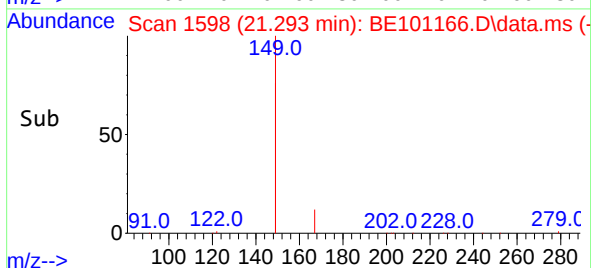
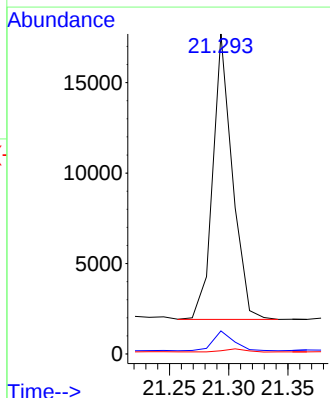
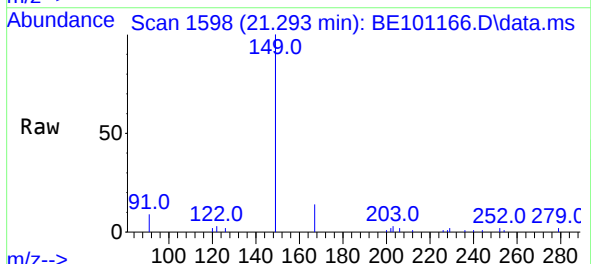
Instrument :
 BNA_E
 ClientSampleId :
 MW178I-20210324

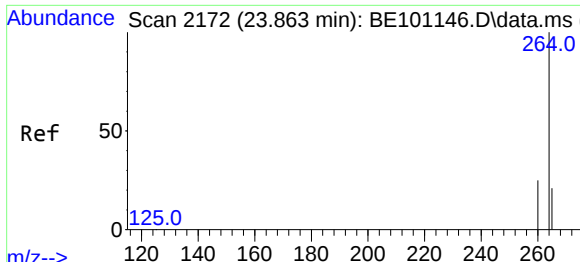
Tgt Ion:244 Resp: 36217
 Ion Ratio Lower Upper
 244 100
 212 28.0 21.7 32.5
 122 10.9 6.6 10.0#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.27 ng
 RT: 21.293 min Scan# 1598
 Delta R.T. -0.013 min
 Lab File: BE101166.D
 Acq: 31 Mar 2021 17:36

Tgt Ion:149 Resp: 18141
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.4 8.2
 279 1.3 0.9 1.3





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.851 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

Tgt Ion:264 Resp: 31238

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	27.0	20.6	30.8

