

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101161.D
 Acq On : 31 Mar 2021 14:31
 Operator : CG/JU
 Sample : M1835-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ASR5

Quant Time: Mar 31 15:14:42 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

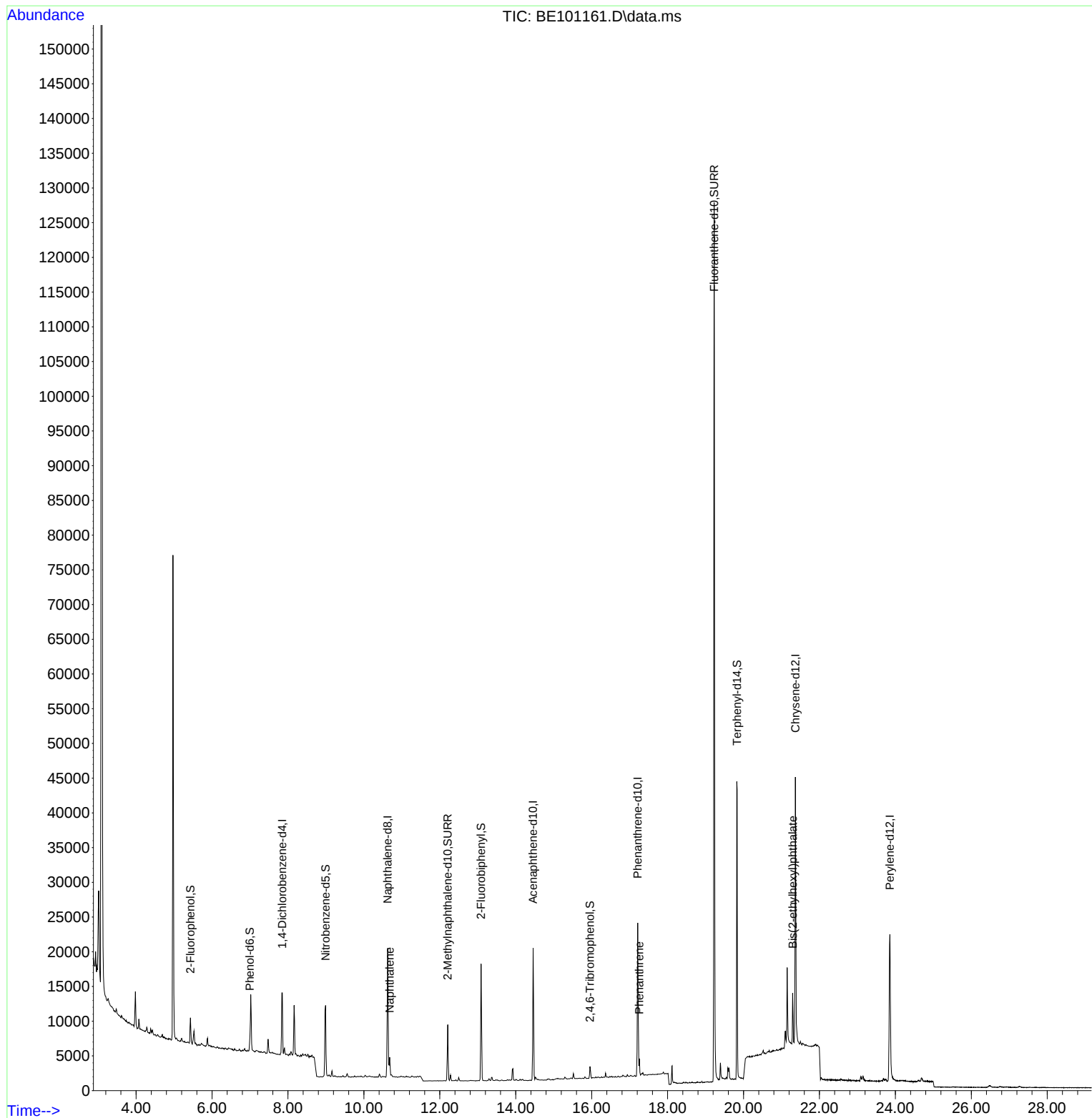
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	4543	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	18963	0.40	ng	#-0.01
13) Acenaphthene-d10	14.456	164	11197	0.40	ng	-0.02
19) Phenanthrene-d10	17.211	188	28253	0.40	ng	#-0.01
29) Chrysene-d12	21.367	240	38313	0.40	ng	#-0.01
36) Perylene-d12	23.855	264	34197	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1696	0.16	ng	0.00
5) Phenol-d6	6.998	99	1589	0.10	ng	0.00
8) Nitrobenzene-d5	8.990	82	4120	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	9725	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	940	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	14592	0.35	ng	-0.02
27) Fluoranthene-d10	19.226	212	163448	0.46	ng	0.00
31) Terphenyl-d14	19.830	244	40025	0.46	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.679	128	4127	0.02	ng	# 96
25) Phenanthrene	17.256	178	2519	0.03	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.294	149	8535	0.13	ng	# 98

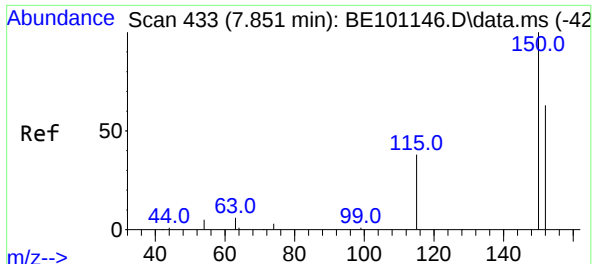
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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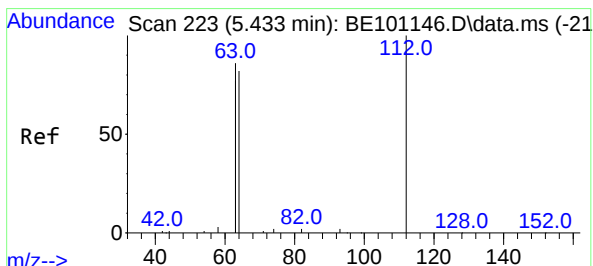
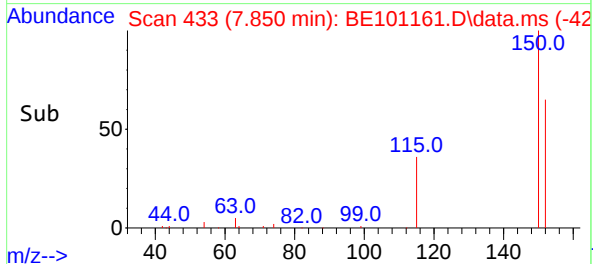
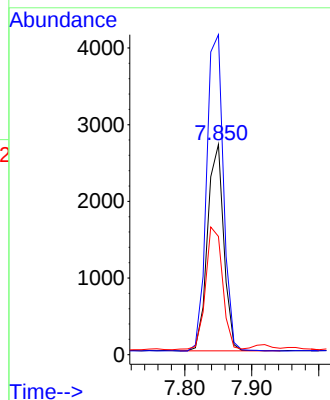
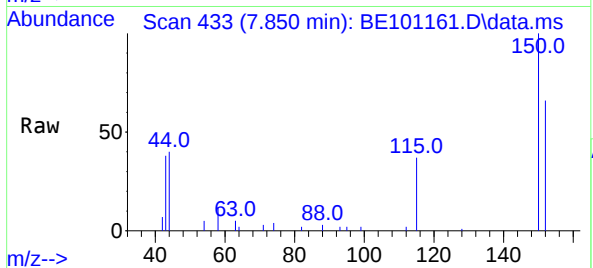




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.850 min Scan# 433
Delta R.T. -0.001 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

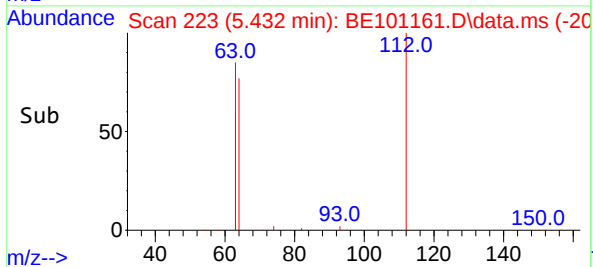
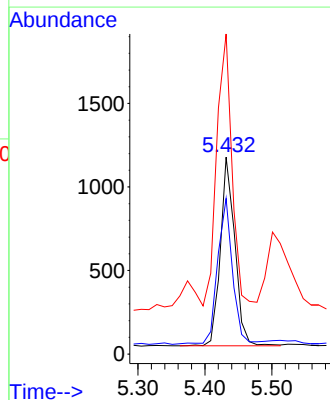
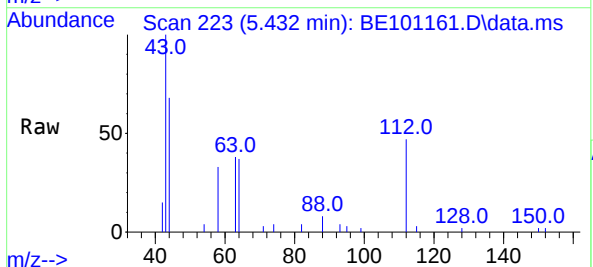
Instrument :
BNA_E
ClientSampleId :
ASR5

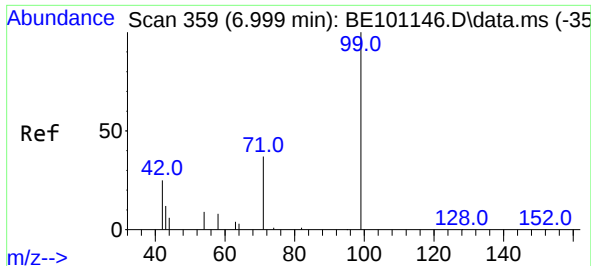
Tgt Ion:152 Resp: 4543
Ion Ratio Lower Upper
152 100
150 152.2 126.3 189.5
115 56.3 48.9 73.3



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:112 Resp: 1696
Ion Ratio Lower Upper
112 100
64 79.7 60.8 91.2
63 157.0 119.4 179.0

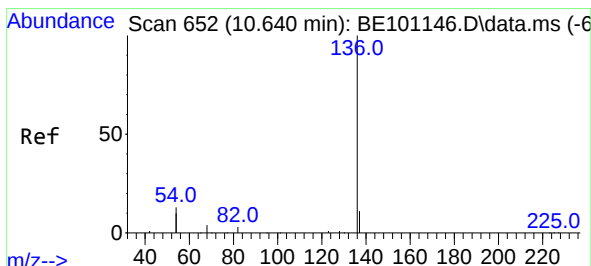
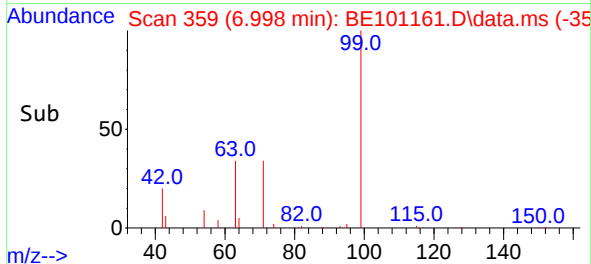
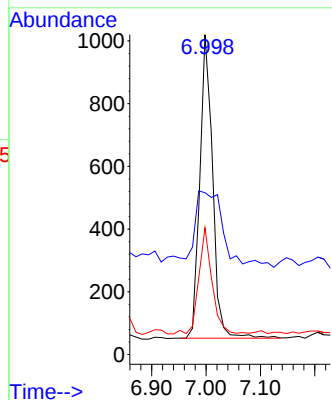
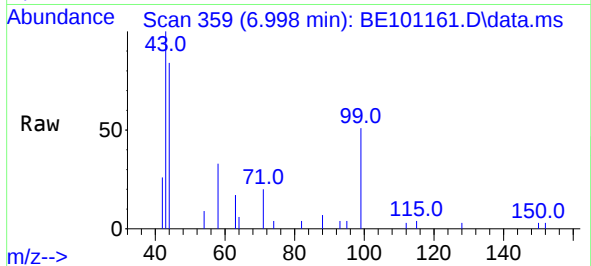




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

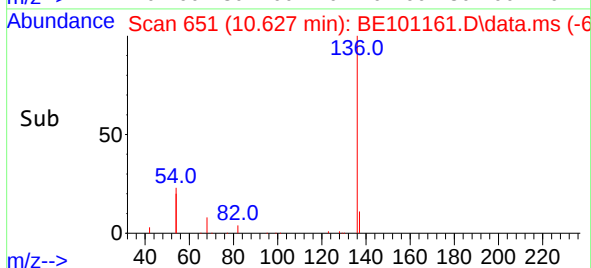
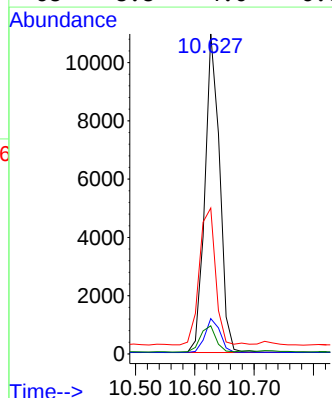
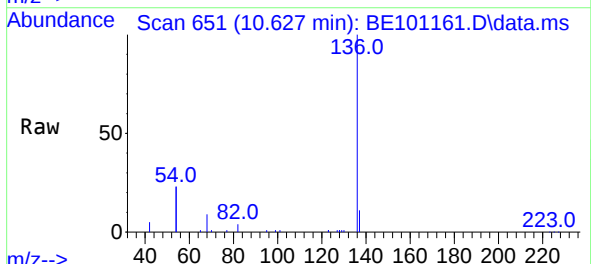
Instrument :
BNA_E
ClientSampled :
ASR5

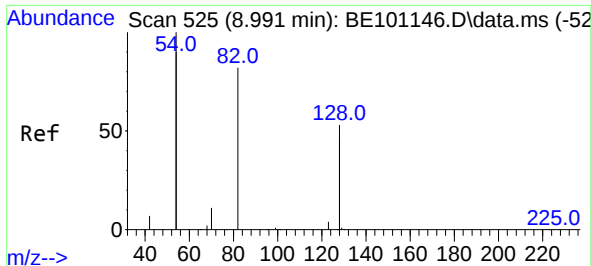
Tgt Ion: 99 Resp: 1589
Ion Ratio Lower Upper
99 100
42 44.5 18.8 28.2#
71 36.2 26.3 39.5



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion: 136 Resp: 18963
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 45.6 20.2 30.4#
68 8.8 4.0 6.0#

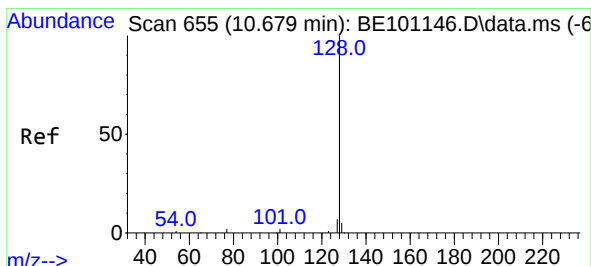
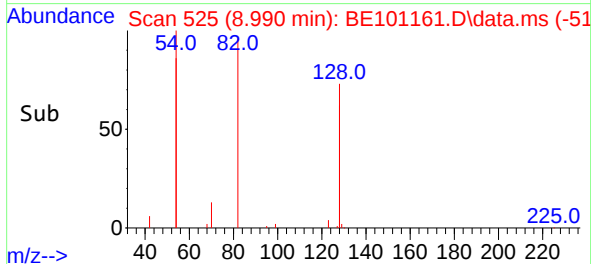
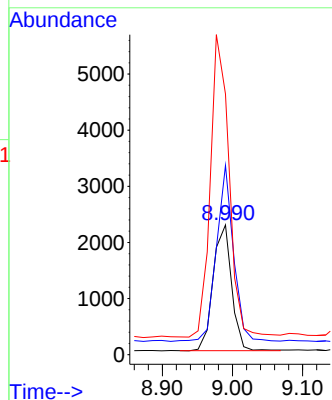
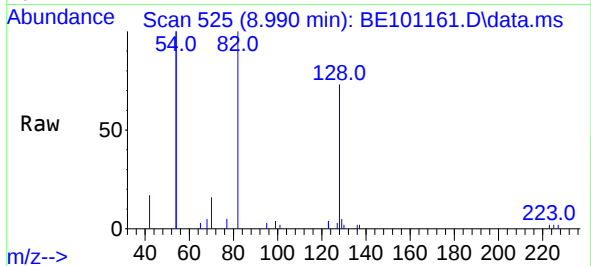




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.990 min Scan# 525
Delta R.T. -0.001 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

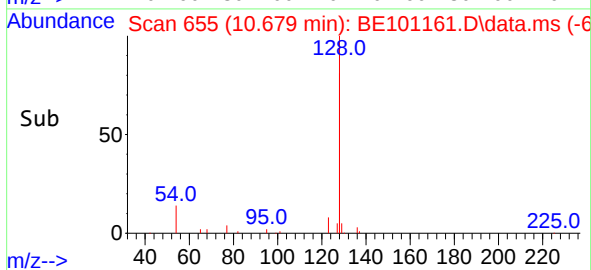
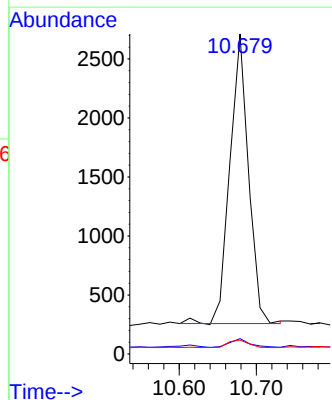
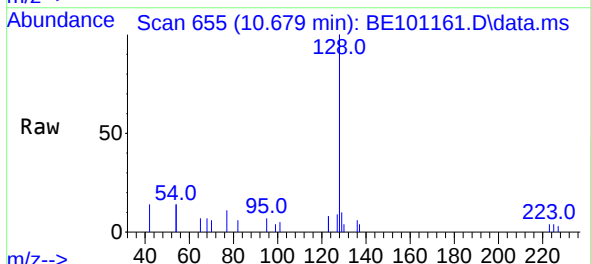
Instrument :
BNA_E
ClientSampleId :
ASR5

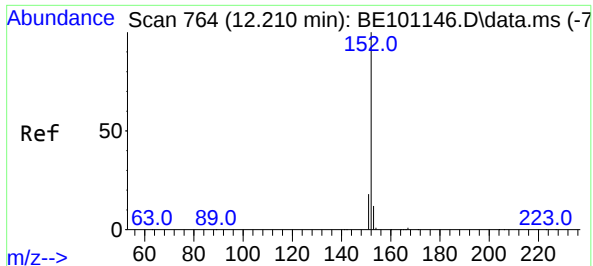
Tgt Ion: 82 Resp: 4120
Ion Ratio Lower Upper
82 100
128 146.0 101.5 152.3
54 201.0 189.8 284.6



#9
Naphthalene
Concen: 0.02 ng
RT: 10.679 min Scan# 655
Delta R.T. -0.001 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion: 128 Resp: 4127
Ion Ratio Lower Upper
128 100
129 4.8 2.2 3.2#
127 4.4 2.7 4.1#

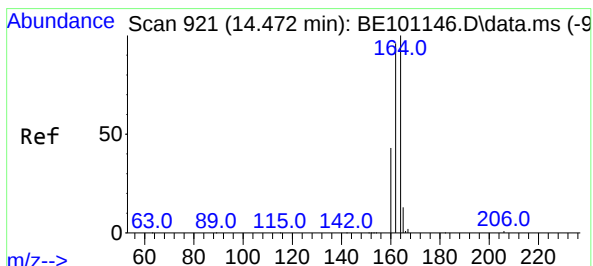
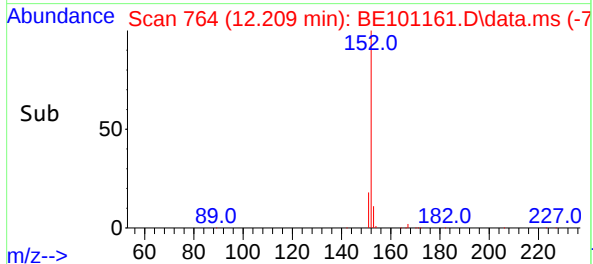
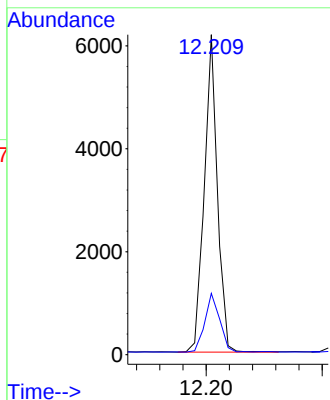
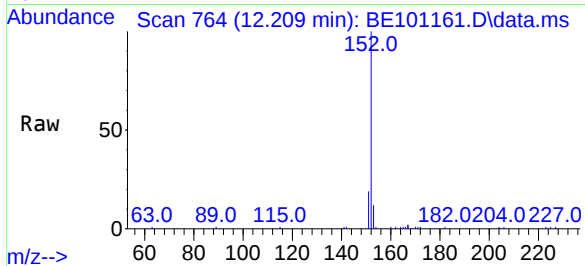




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

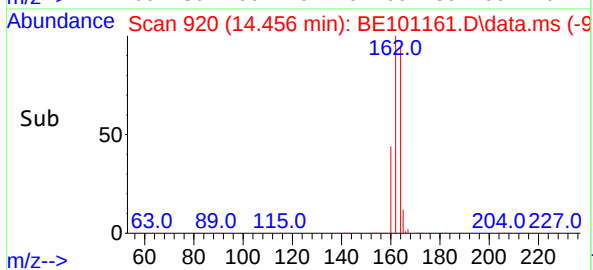
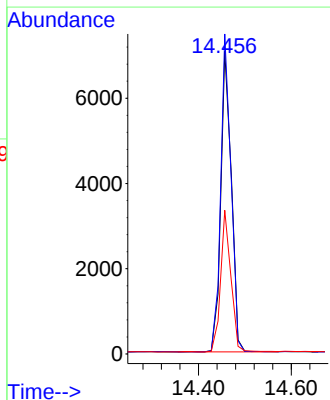
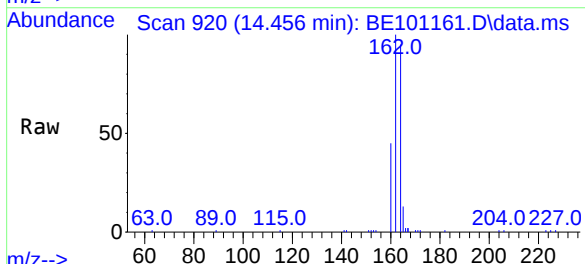
Instrument :
BNA_E
ClientSampleId :
ASR5

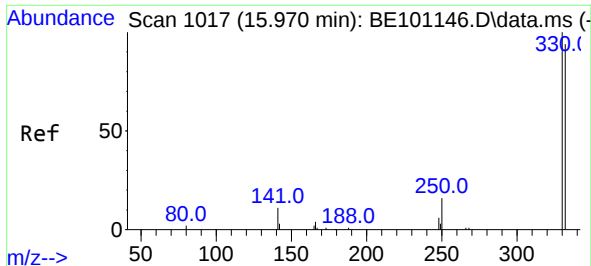
Tgt Ion:152 Resp: 9725
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.456 min Scan# 920
Delta R.T. -0.016 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:164 Resp: 11197
Ion Ratio Lower Upper
164 100
162 105.7 76.6 115.0
160 47.5 34.5 51.7

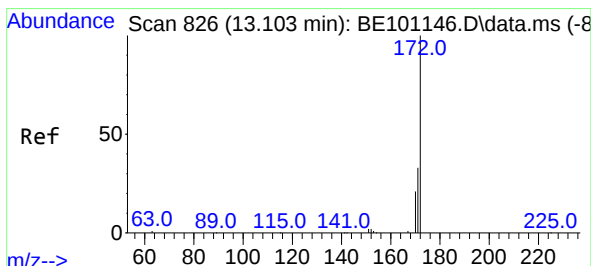
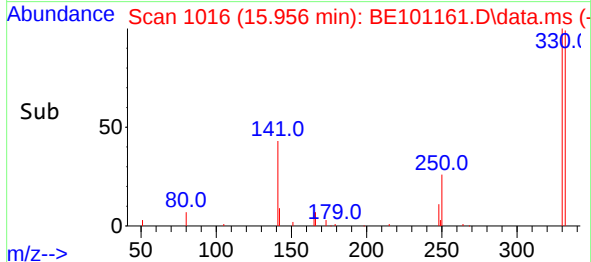
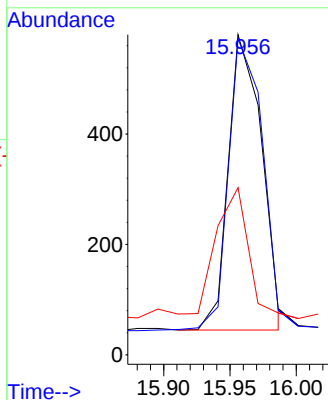
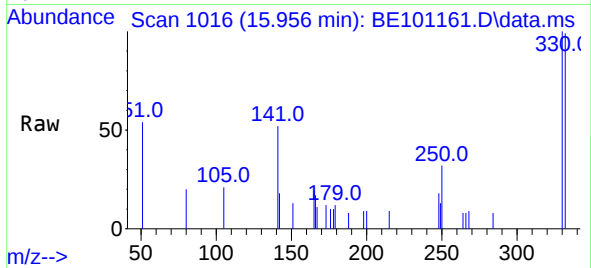




#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

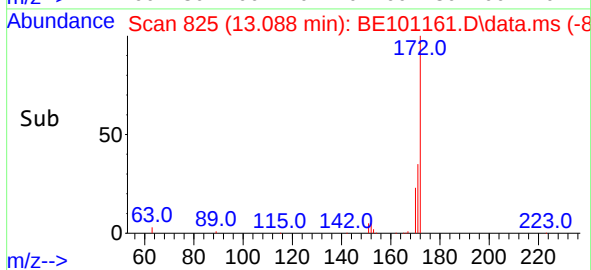
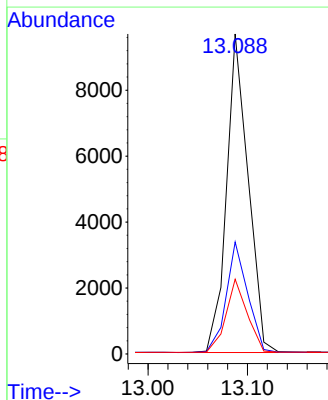
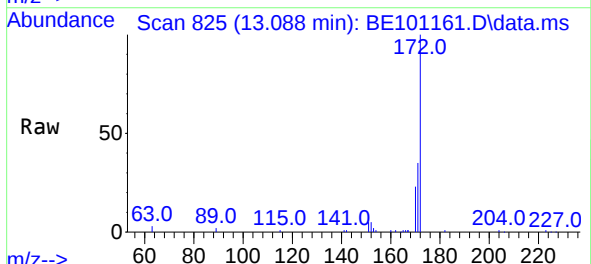
Instrument :
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ClientSampleId :
ASR5

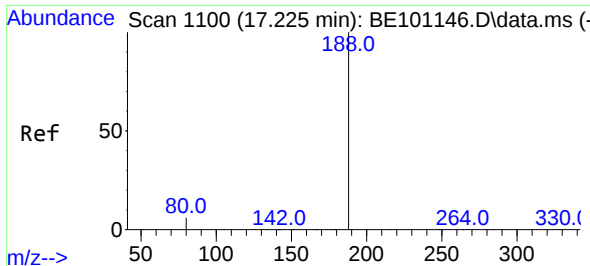
Tgt Ion: 330 Resp: 940
Ion Ratio Lower Upper
330 100
332 101.3 69.1 103.7
141 45.3 30.6 45.8



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.016 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion: 172 Resp: 14592
Ion Ratio Lower Upper
172 100
171 35.0 26.4 39.6
170 23.3 17.4 26.0

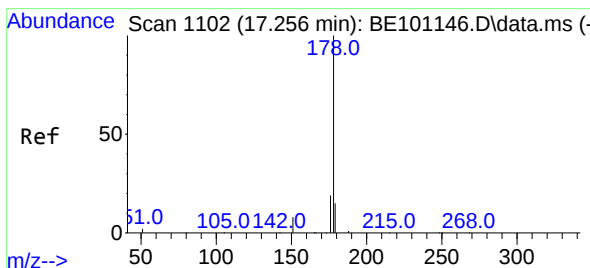
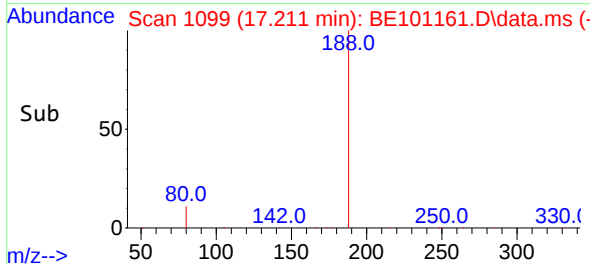
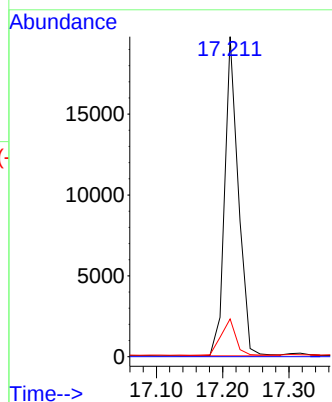
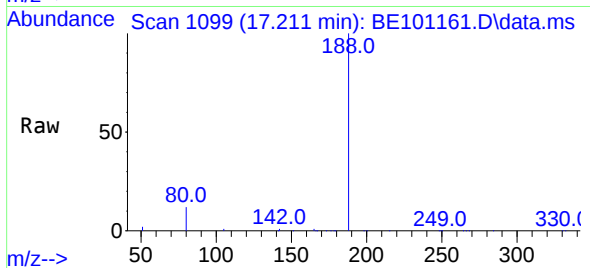




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

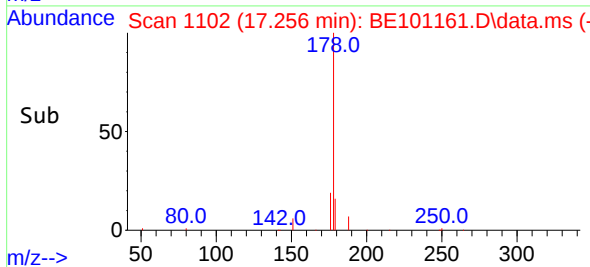
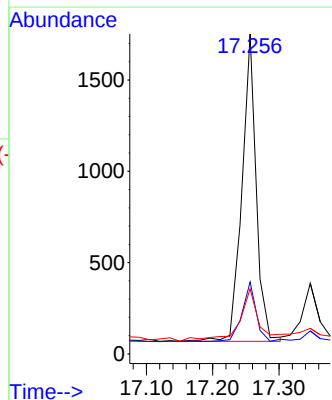
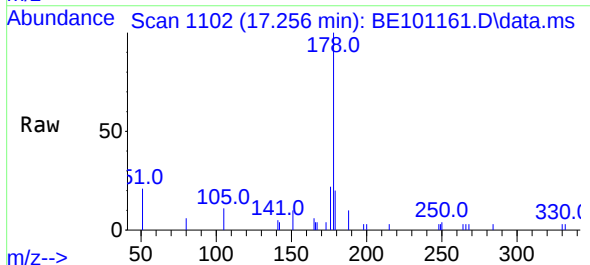
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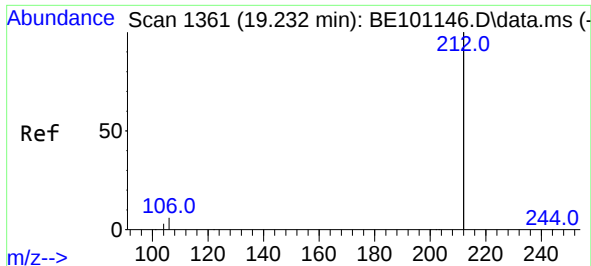
Tgt Ion:188 Resp: 28253
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 4.8 7.2#



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.256 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:178 Resp: 2519
Ion Ratio Lower Upper
178 100
176 20.9 14.7 22.1
179 23.3 12.4 18.6#



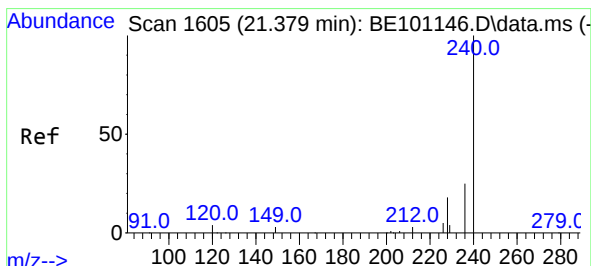
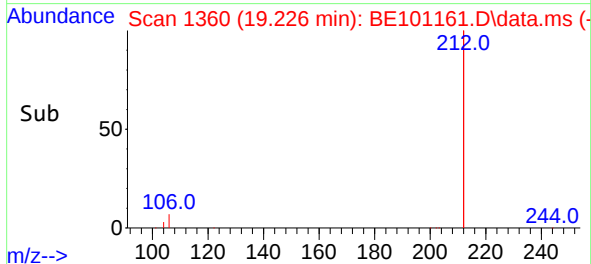
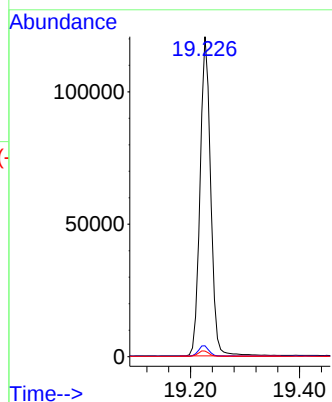
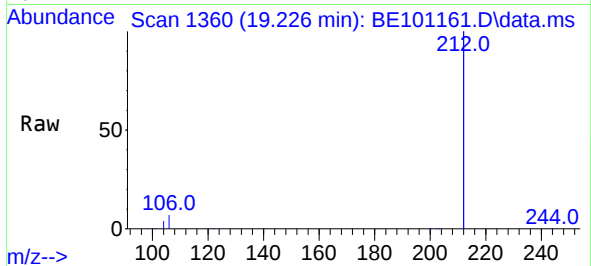


#27
Fluoranthene-d10
Concen: 0.46 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Instrument :
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ClientSampleId :
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Tgt Ion:212 Resp: 163448

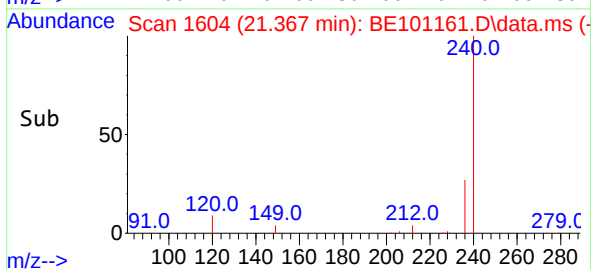
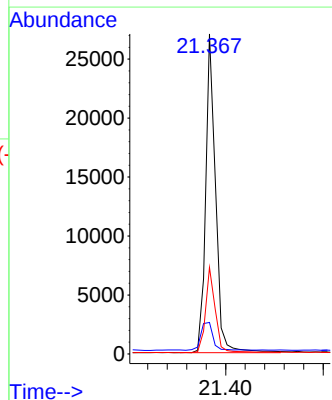
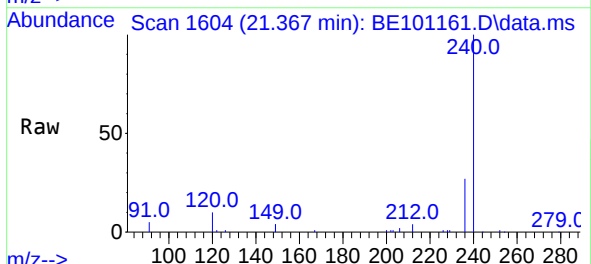
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.2

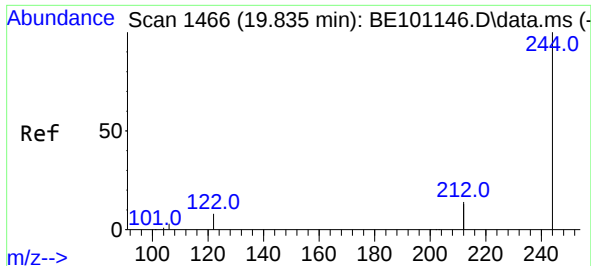


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.367 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:240 Resp: 38313

Ion	Ratio	Lower	Upper
240	100		
120	9.9	4.1	6.1
236	27.1	20.3	30.5

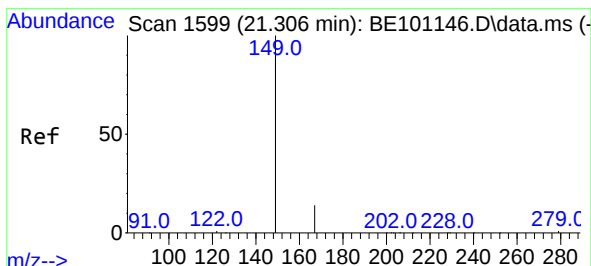
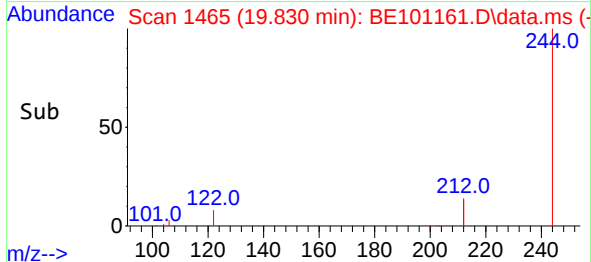
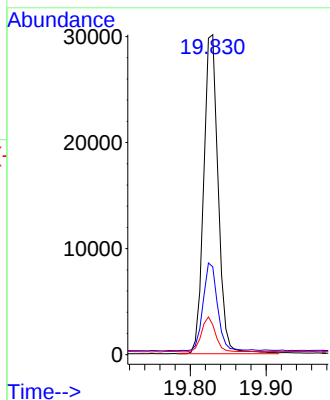
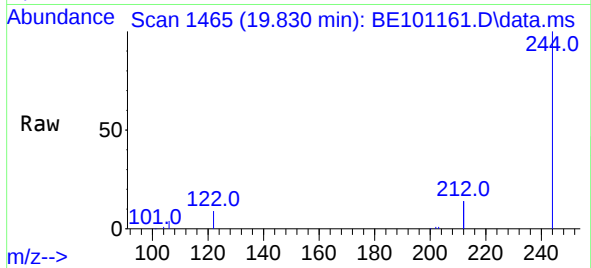




#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.830 min Scan# 1465
Delta R.T. -0.005 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

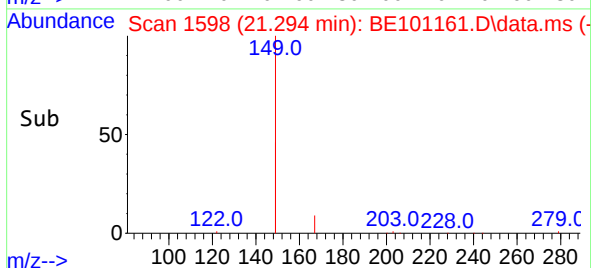
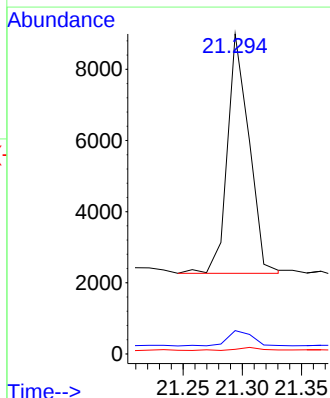
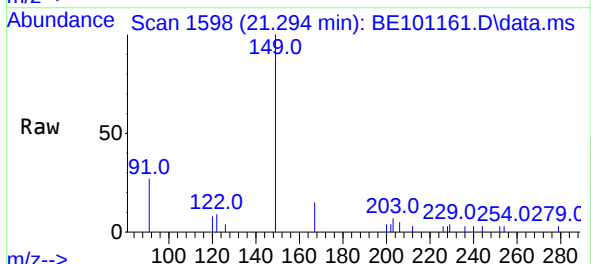
Instrument :
BNA_E
ClientSampleId :
ASR5

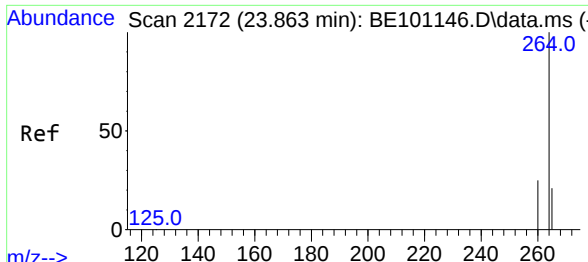
Tgt Ion:244 Resp: 40025
Ion Ratio Lower Upper
244 100
212 27.5 21.7 32.5
122 9.3 6.6 10.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.294 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Tgt Ion:149 Resp: 8535
Ion Ratio Lower Upper
149 100
167 7.4 5.4 8.2
279 1.6 0.9 1.3#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.855 min Scan# 2170
Delta R.T. -0.008 min
Lab File: BE101161.D
Acq: 31 Mar 2021 14:31

Instrument :
BNA_E
ClientSampleId :
ASR5

Tgt Ion:264 Resp: 34197

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	25.3	20.6	30.8

