

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101182.D
 Acq On : 1 Apr 2021 17:58
 Operator : CG/JU
 Sample : M1843-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE137-20210324

Quant Time: Apr 01 18:41:09 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

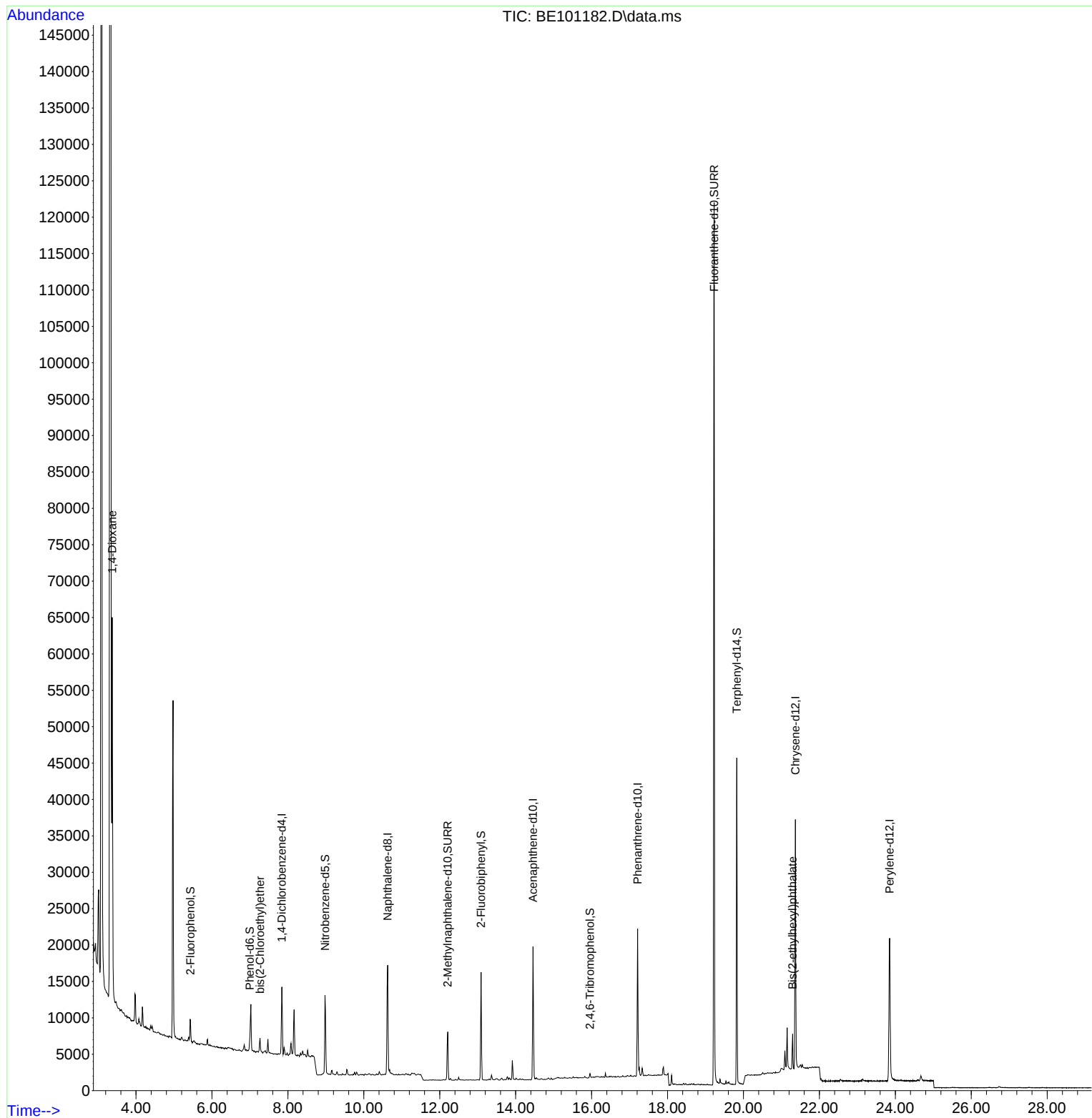
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	3945	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	16452	0.40	ng	# 0.00
13) Acenaphthene-d10	14.458	164	10243	0.40	ng	0.00
19) Phenanthrene-d10	17.211	188	26113	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	35144	0.40	ng	# 0.00
36) Perylene-d12	23.849	264	31456	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.434	112	1723	0.19	ng	0.00
5) Phenol-d6	7.000	99	1395	0.10	ng	0.00
8) Nitrobenzene-d5	8.978	82	4207	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	8806	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	325	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	12852	0.33	ng	0.00
27) Fluoranthene-d10	19.226	212	160119	0.49	ng	0.00
31) Terphenyl-d14	19.823	244	39540	0.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	25247	3.94	ng	94
6) bis(2-Chloroethyl)ether	7.265	93	693	0.06	ng	86
34) Bis(2-ethylhexyl)phtha...	21.294	149	5858	0.10	ng	# 97

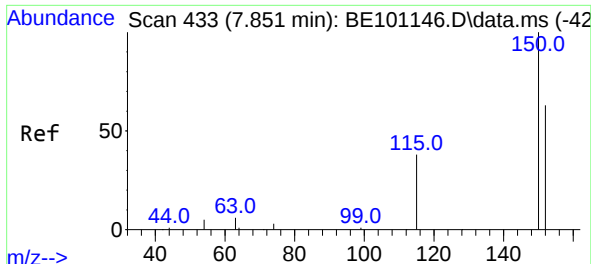
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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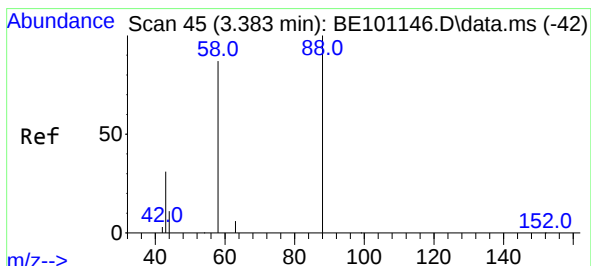
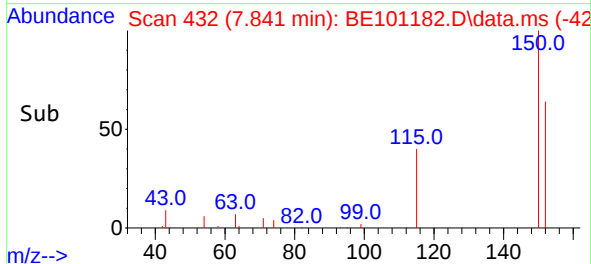
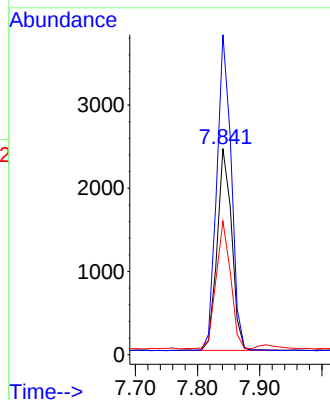
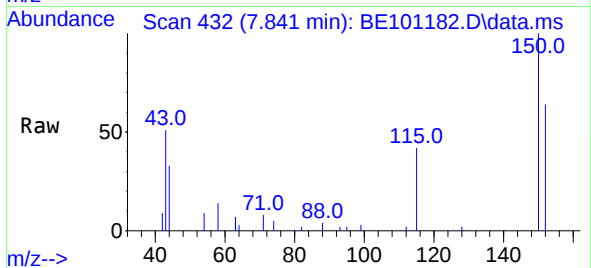




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.841 min Scan# 432
Delta R.T. -0.009 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

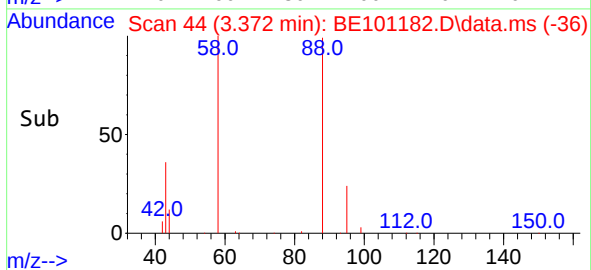
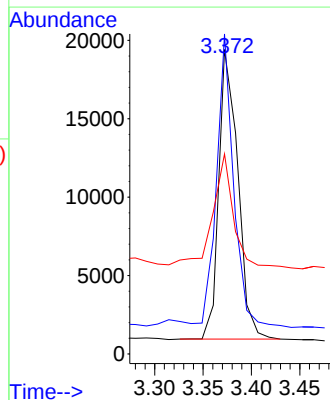
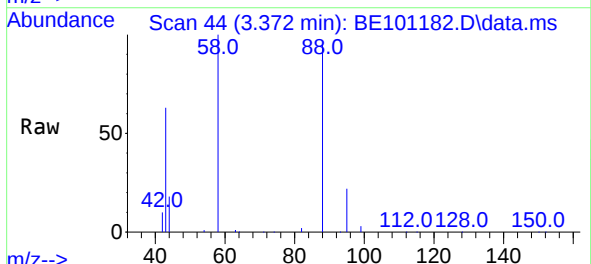
Instrument :
BNA_E
ClientSampleId :
RE137-20210324

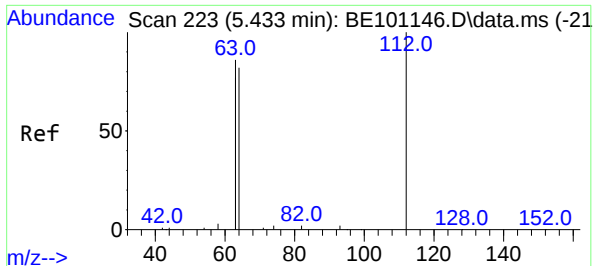
Tgt Ion:152 Resp: 3945
Ion Ratio Lower Upper
152 100
150 155.3 126.3 189.5
115 64.7 48.9 73.3



#2
1,4-Dioxane
Concen: 3.94 ng
RT: 3.372 min Scan# 44
Delta R.T. -0.009 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion: 88 Resp: 25247
Ion Ratio Lower Upper
88 100
58 88.7 68.5 102.7
43 40.4 27.2 40.8

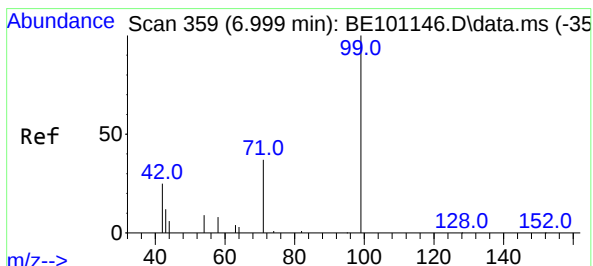
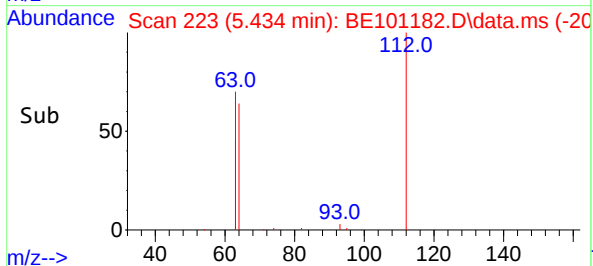
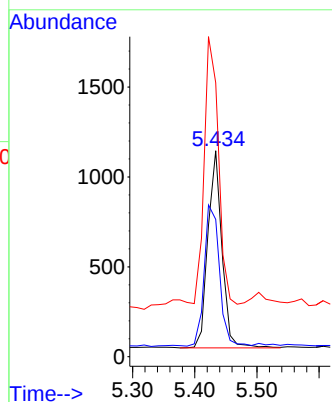
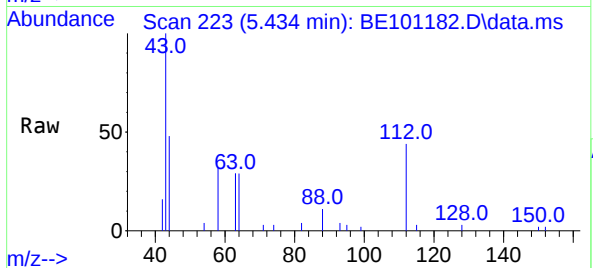




#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.434 min Scan# 223
Delta R.T. 0.003 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

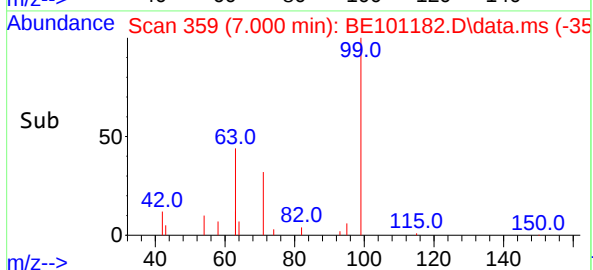
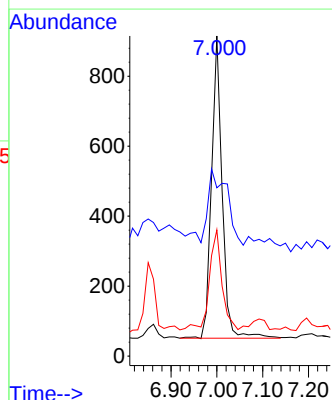
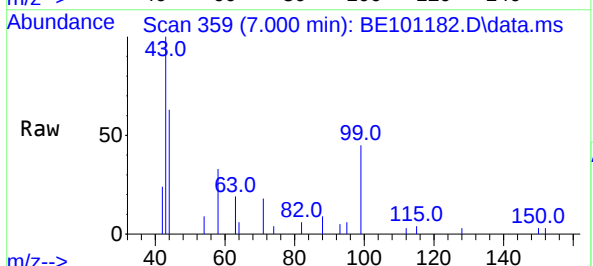
Instrument :
BNA_E
ClientSampleId :
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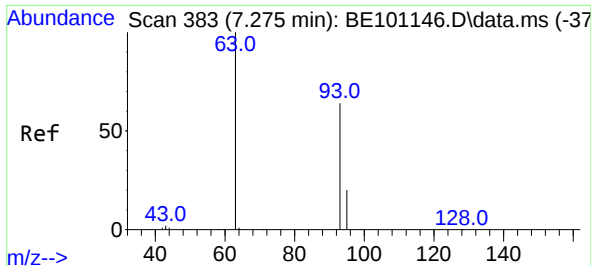
Tgt Ion:112 Resp: 1723
Ion Ratio Lower Upper
112 100
64 79.0 60.8 91.2
63 139.2 119.4 179.0



#5
Phenol-d6
Concen: 0.10 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.003 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion: 99 Resp: 1395
Ion Ratio Lower Upper
99 100
42 44.0 18.8 28.2#
71 38.7 26.3 39.5

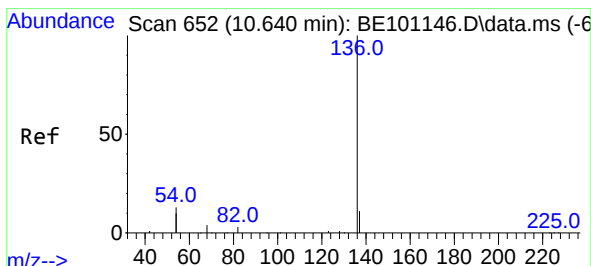
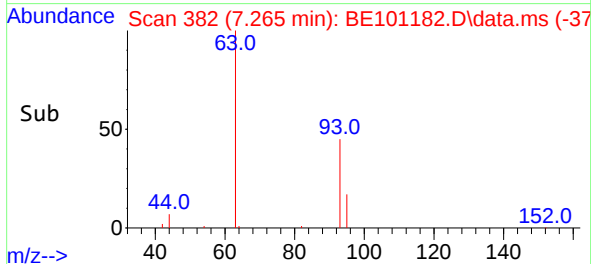
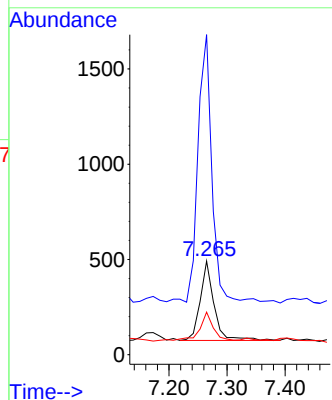
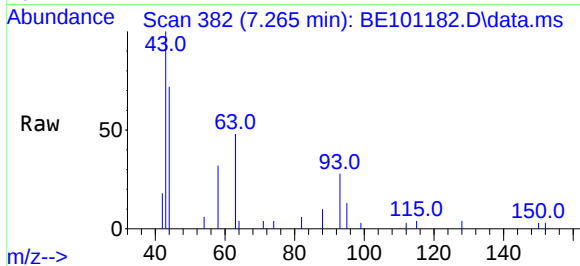




#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.265 min Scan# 382
Delta R.T. 0.003 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

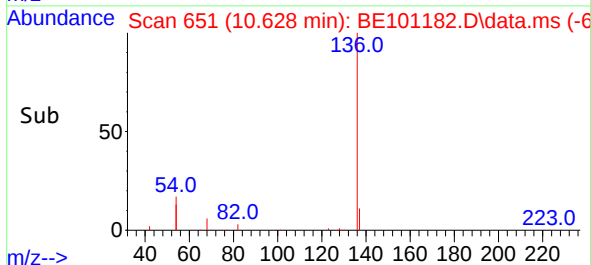
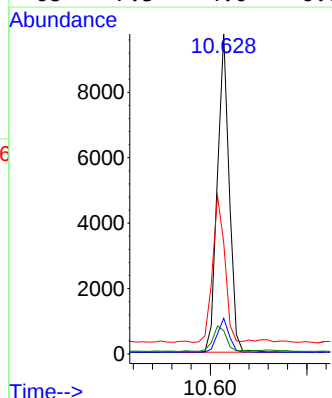
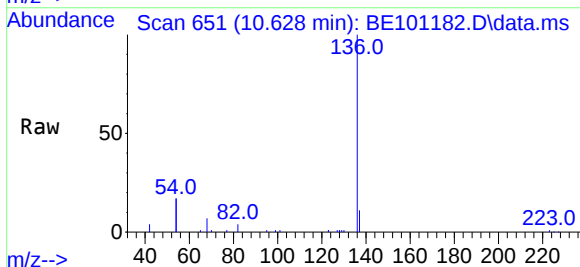
Instrument :
BNA_E
ClientSampleId :
RE137-20210324

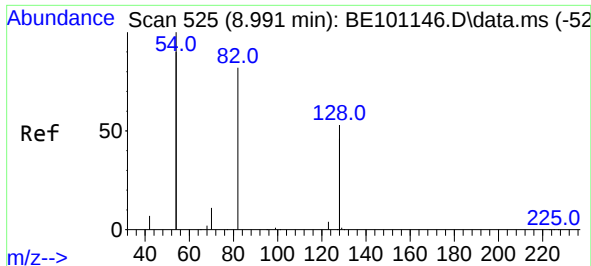
Tgt Ion: 93 Resp: 693
Ion Ratio Lower Upper
93 100
63 332.6 292.5 438.7
95 38.0 25.8 38.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion: 136 Resp: 16452
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 34.8 20.2 30.4#
68 7.3 4.0 6.0#

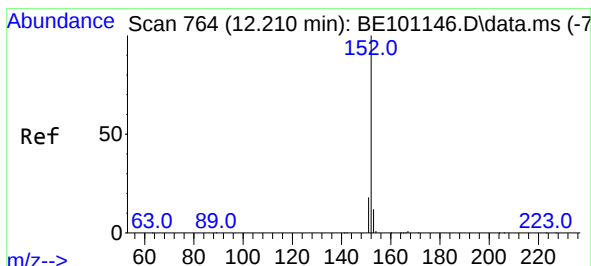
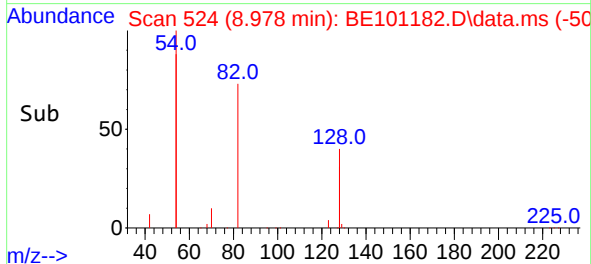
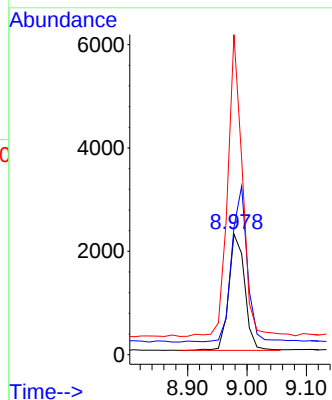
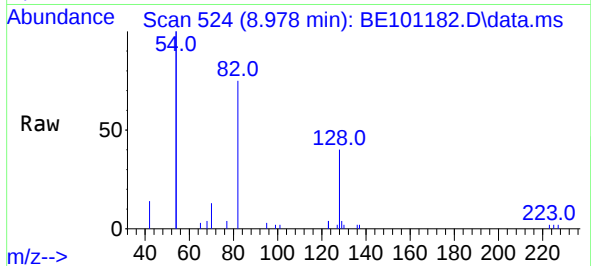




#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

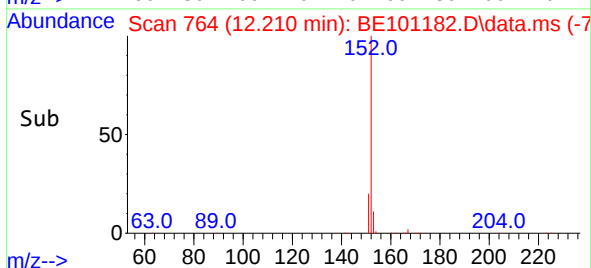
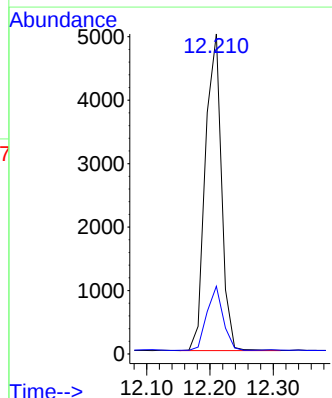
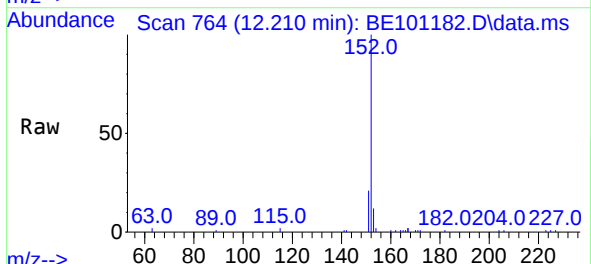
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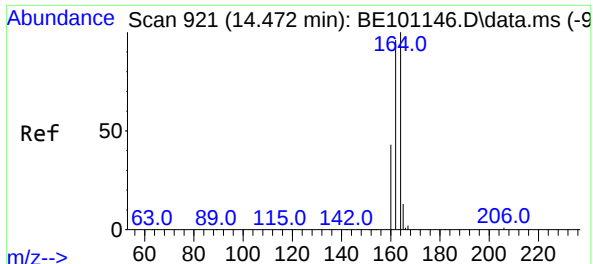
Tgt Ion: 82 Resp: 4207
Ion Ratio Lower Upper
82 100
128 105.6 101.5 152.3
54 265.6 189.8 284.6



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.001 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion: 152 Resp: 8806
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8

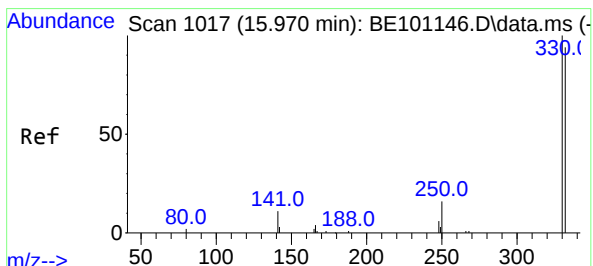
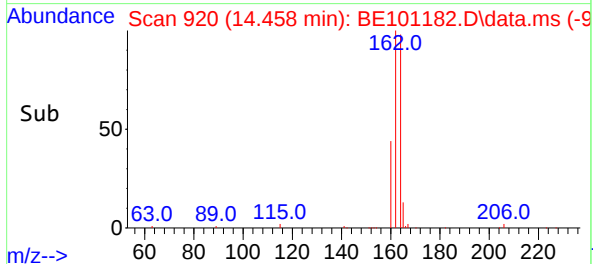
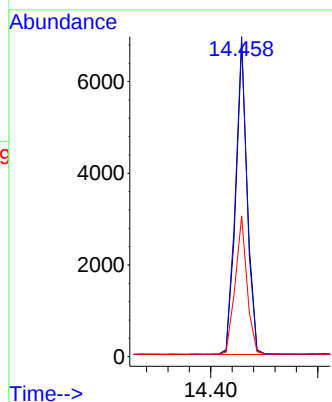
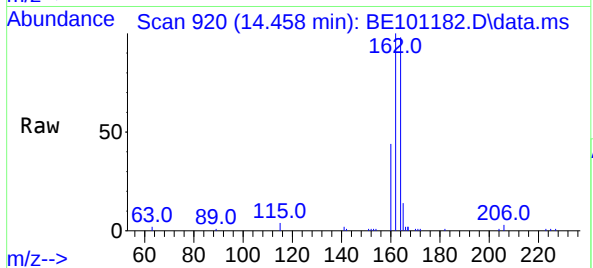




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

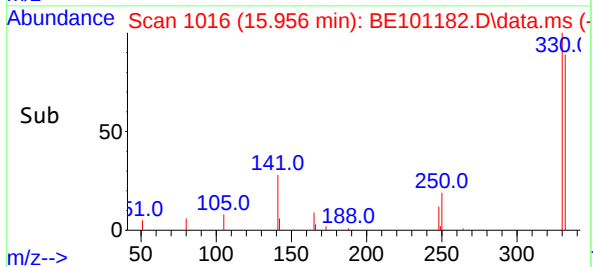
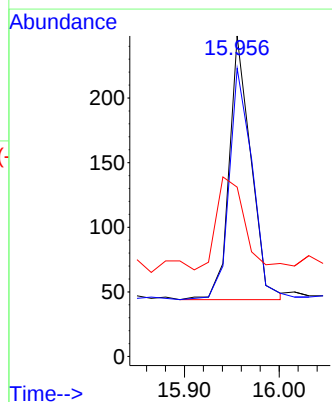
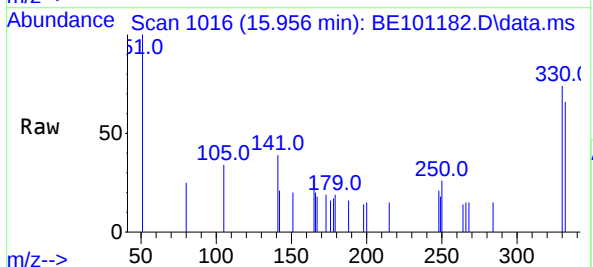
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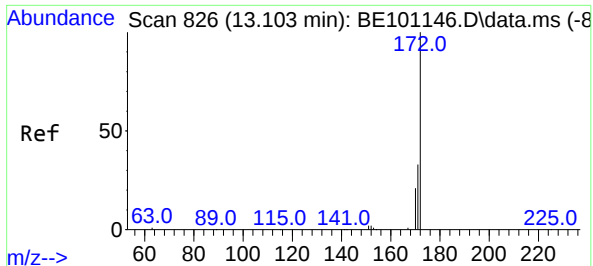
Tgt Ion:164 Resp: 10243
Ion Ratio Lower Upper
164 100
162 102.1 76.6 115.0
160 44.9 34.5 51.7



#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion:330 Resp: 325
Ion Ratio Lower Upper
330 100
332 92.9 69.1 103.7
141 44.6 30.6 45.8

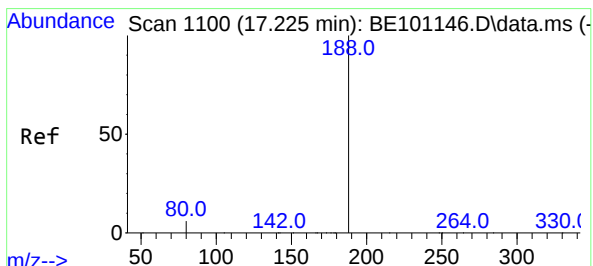
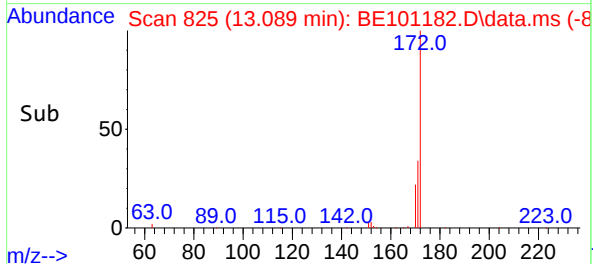
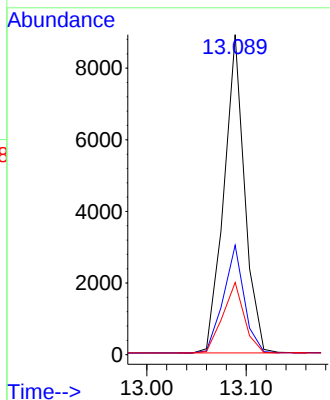
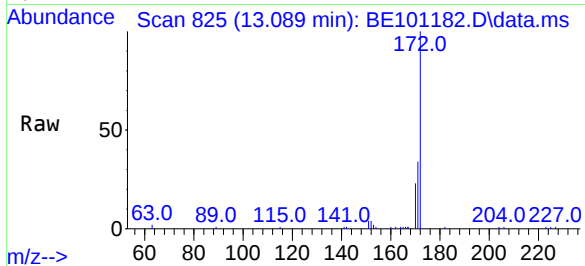




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.089 min Scan# 825
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

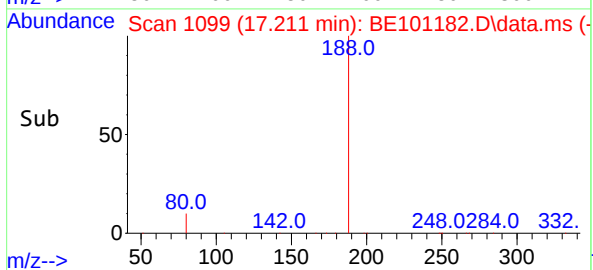
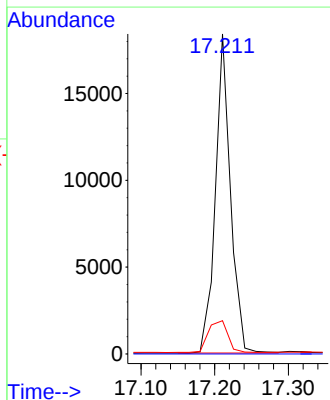
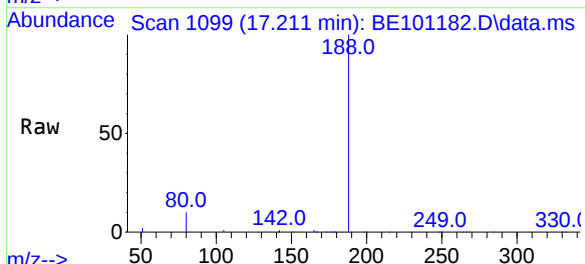
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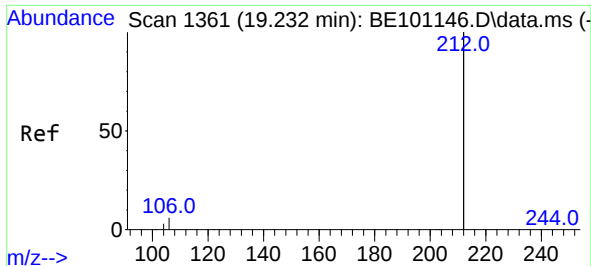
Tgt Ion:172 Resp: 12852
Ion Ratio Lower Upper
172 100
171 34.2 26.4 39.6
170 22.5 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.002 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion:188 Resp: 26113
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 4.8 7.2#

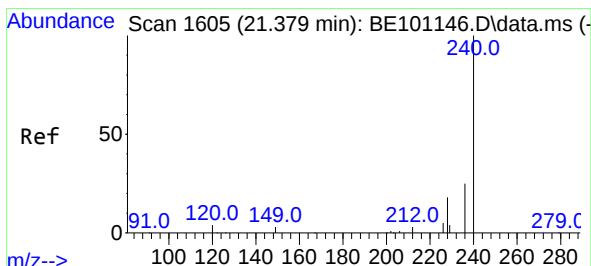
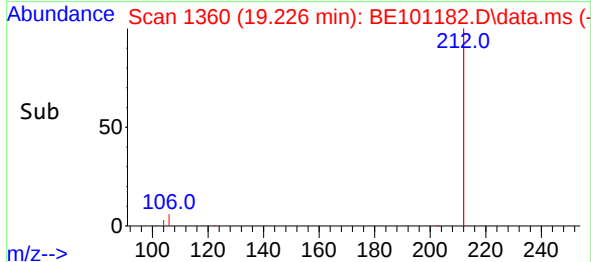
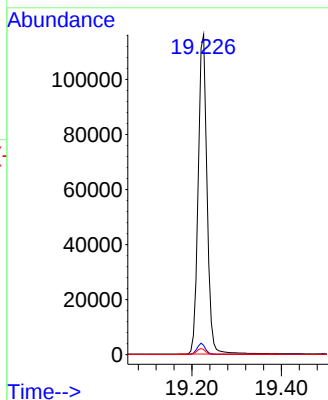
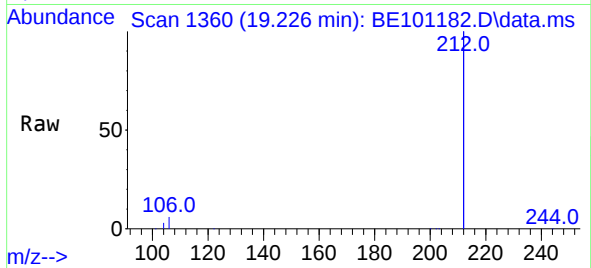




#27
Fluoranthene-d10
Concen: 0.49 ng
RT: 19.226 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

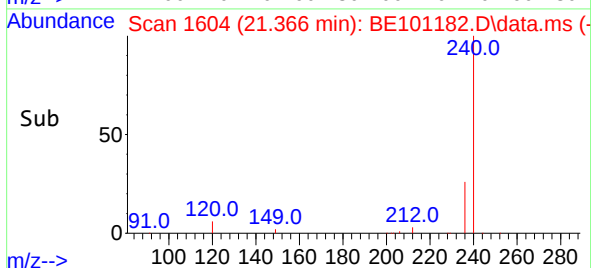
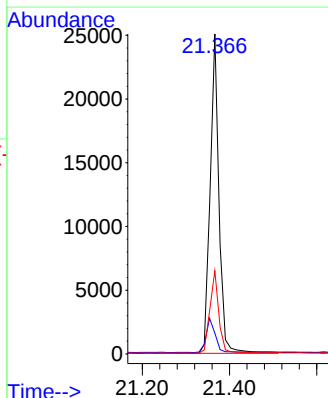
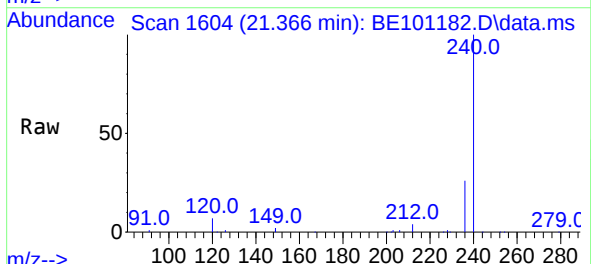
Instrument :
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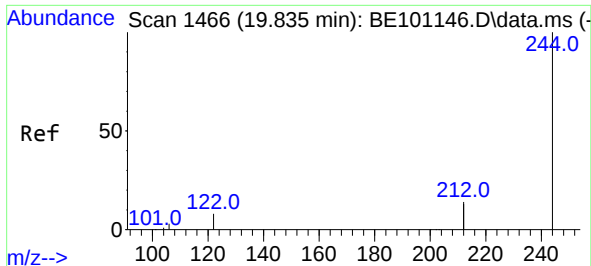
Tgt Ion:212 Resp: 160119
Ion Ratio Lower Upper
212 100
106 3.3 2.6 3.8
104 1.8 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion:240 Resp: 35144
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 26.0 20.3 30.5

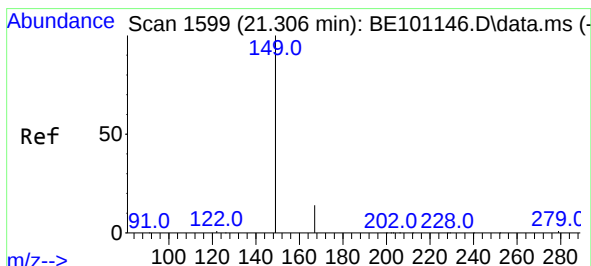
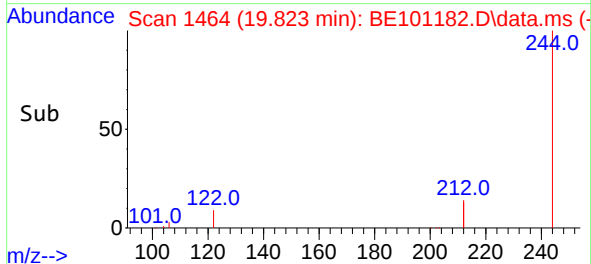
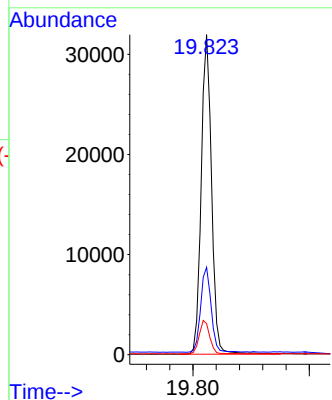
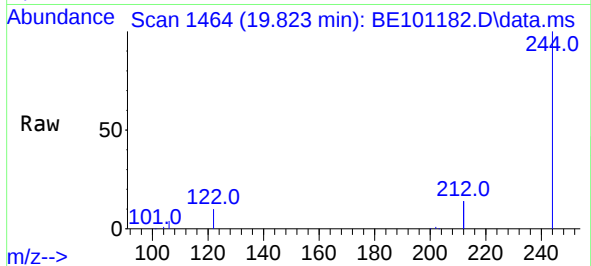




#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.823 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

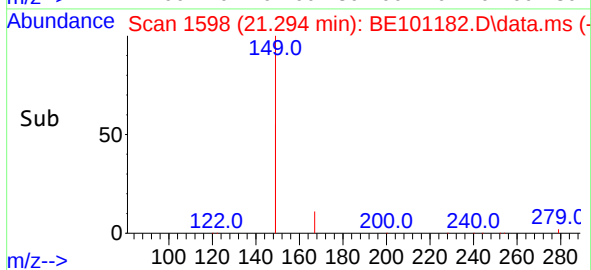
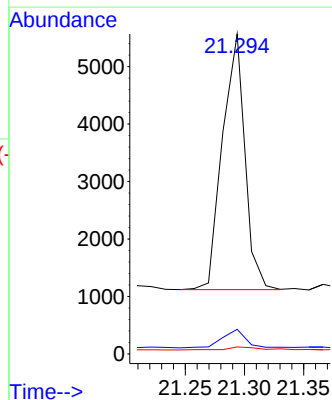
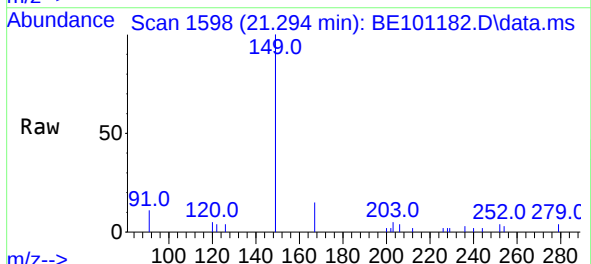
Instrument :
BNA_E
ClientSampleId :
RE137-20210324

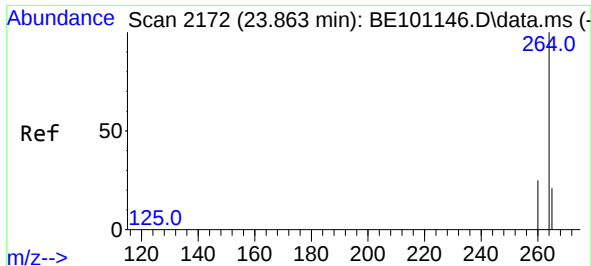
Tgt Ion:244 Resp: 39540
Ion Ratio Lower Upper
244 100
212 27.3 21.7 32.5
122 9.7 6.6 10.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.294 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101182.D
Acq: 1 Apr 2021 17:58

Tgt Ion:149 Resp: 5858
Ion Ratio Lower Upper
149 100
167 7.7 5.4 8.2
279 1.9 0.9 1.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.849 min Scan# 2168
 Delta R.T. -0.003 min
 Lab File: BE101182.D
 Acq: 1 Apr 2021 17:58

Instrument :
 BNA_E
 ClientSampleId :
 RE137-20210324

Tgt Ion:264 Resp: 31456

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	27.2	20.6	30.8

