

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101169.D
 Acq On : 31 Mar 2021 19:30
 Operator : CG/JU
 Sample : M1843-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE115D2-20210325

Quant Time: Apr 01 01:41:00 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)

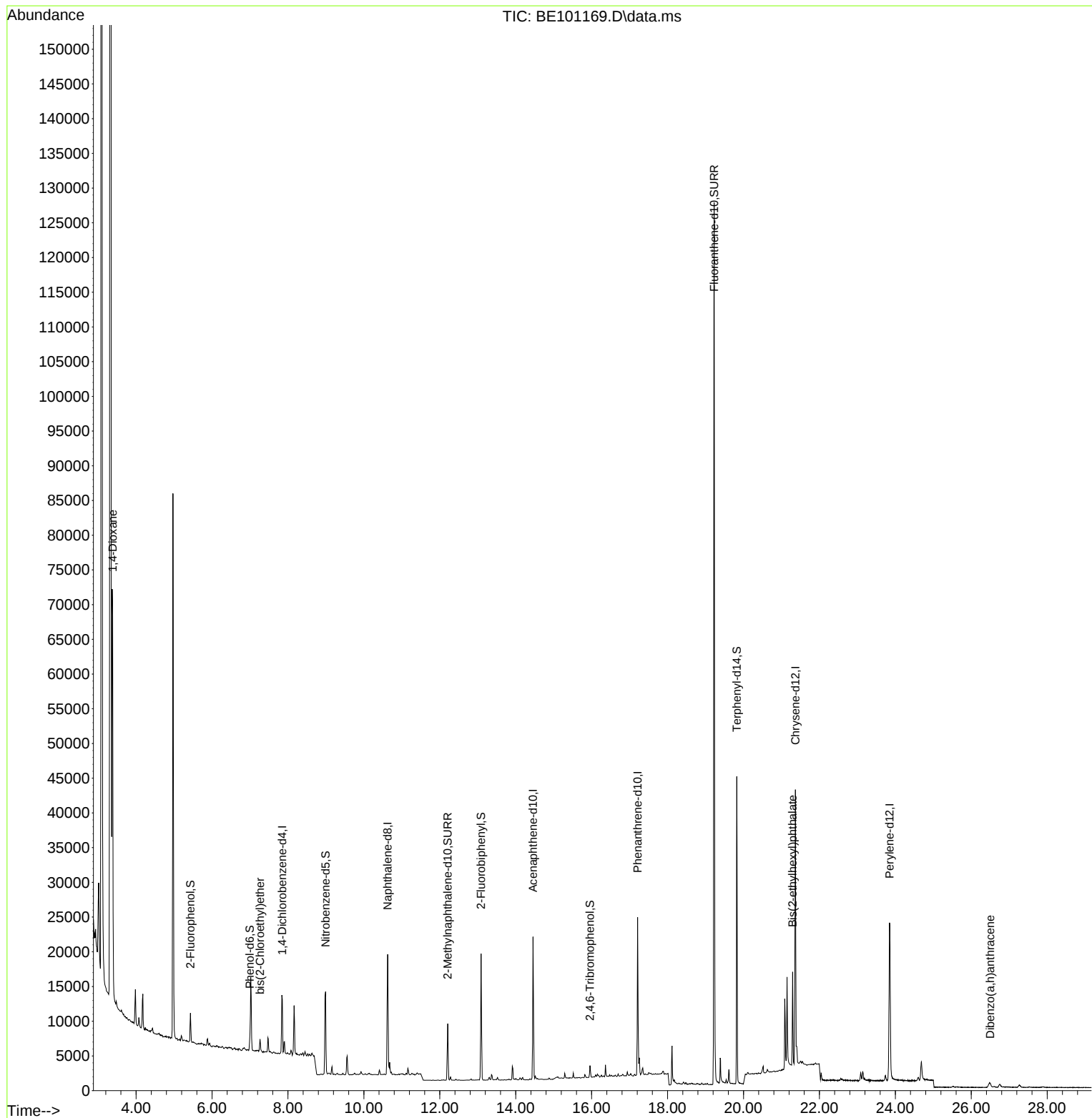
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	4126	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	17855	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	11479	0.40	ng	-0.02
19) Phenanthrene-d10	17.211	188	29441	0.40	ng	#-0.01
29) Chrysene-d12	21.365	240	38275	0.40	ng	#-0.01
36) Perylene-d12	23.848	264	36047	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1871	0.19	ng	0.00
5) Phenol-d6	6.998	99	1696	0.11	ng	0.00
8) Nitrobenzene-d5	8.990	82	4752	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	10000	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	898	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	15397	0.36	ng	-0.02
27) Fluoranthene-d10	19.227	212	161995	0.44	ng	0.00
31) Terphenyl-d14	19.824	244	38434	0.44	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	35320	5.27	ng	# 93
6) bis(2-Chloroethyl)ether	7.263	93	528	0.04	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.292	149	14616	0.23	ng	# 99
40) Dibenzo(a,h)anthracene	26.499	278	927	0.11	ng	# 51

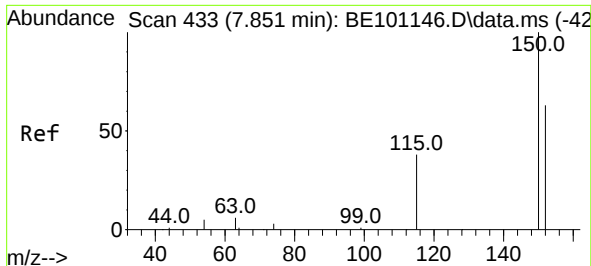
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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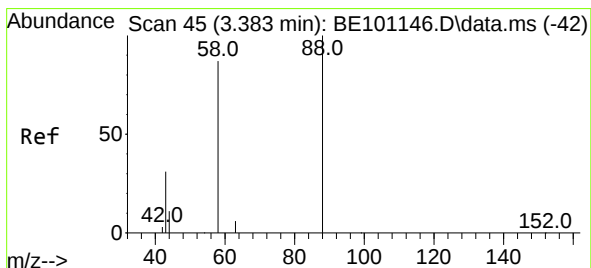
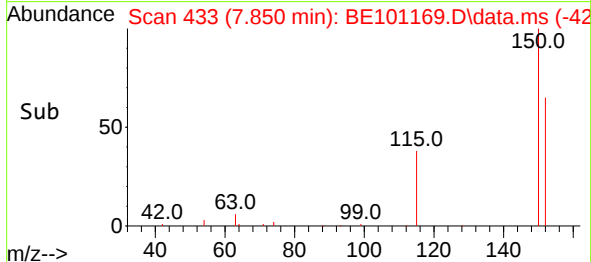
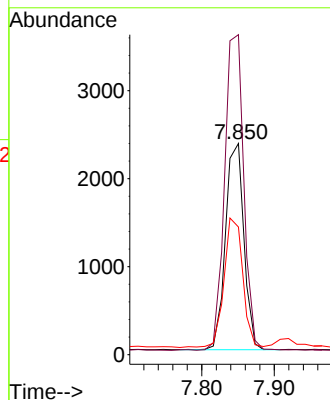
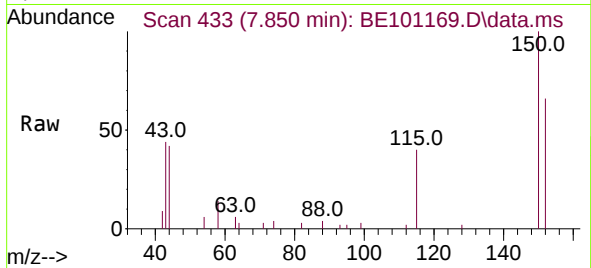




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.850 min Scan# 433
 Delta R.T. -0.001 min
 Lab File: BE101169.D
 Acq: 31 Mar 2021 19:30

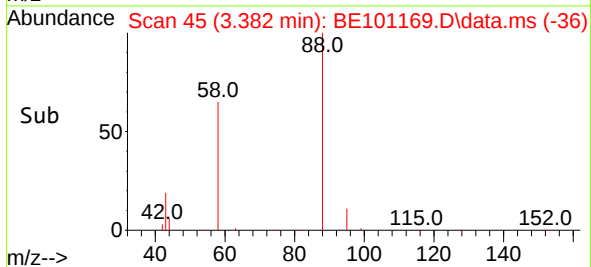
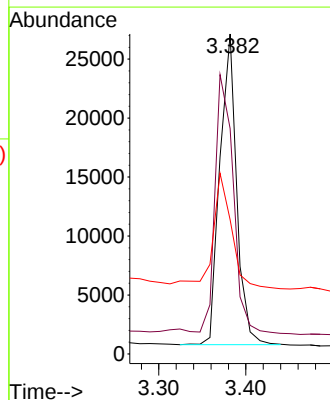
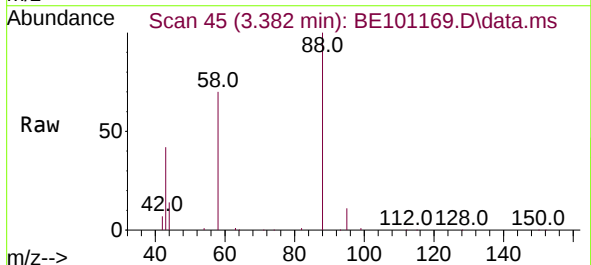
Instrument :
 BNA_E
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 RE115D2-20210325

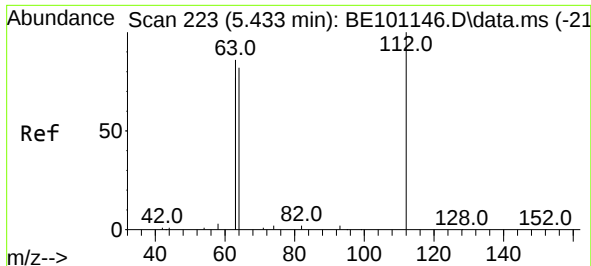
Tgt Ion:152 Resp: 4126
 Ion Ratio Lower Upper
 152 100
 150 151.5 126.3 189.5
 115 60.4 48.9 73.3



#2
 1,4-Dioxane
 Concen: 5.27 ng
 RT: 3.382 min Scan# 45
 Delta R.T. -0.001 min
 Lab File: BE101169.D
 Acq: 31 Mar 2021 19:30

Tgt Ion: 88 Resp: 35320
 Ion Ratio Lower Upper
 88 100
 58 89.8 68.5 102.7
 43 42.0 27.2 40.8#

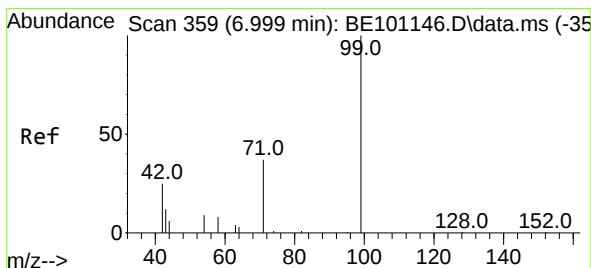
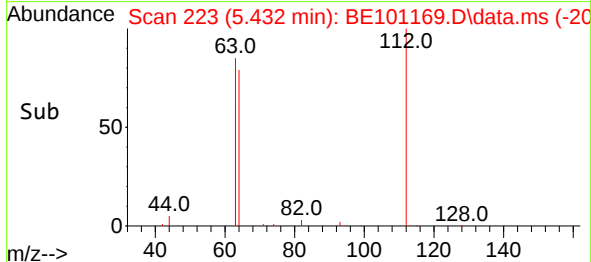
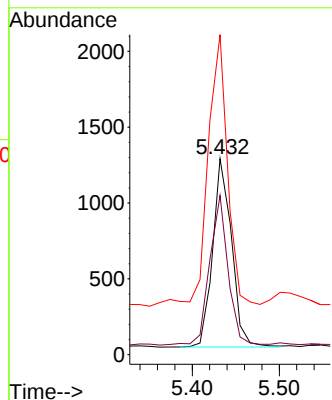
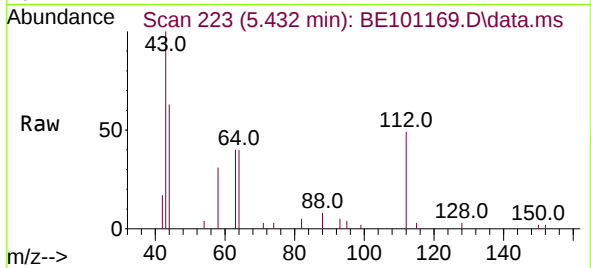




#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

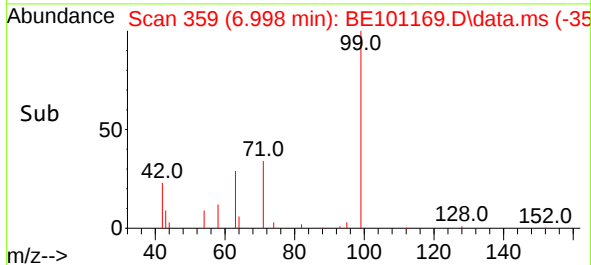
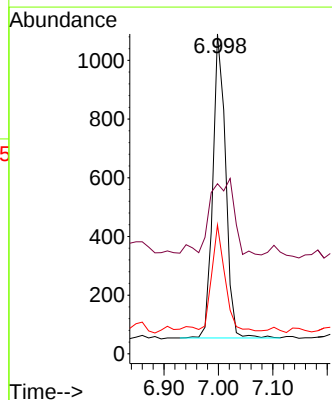
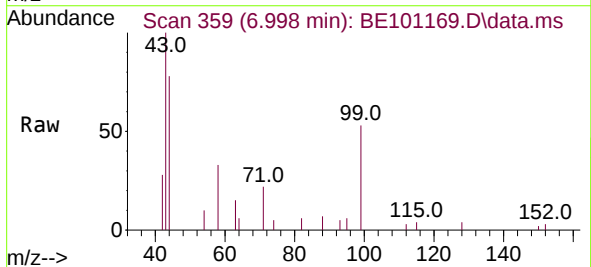
Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325

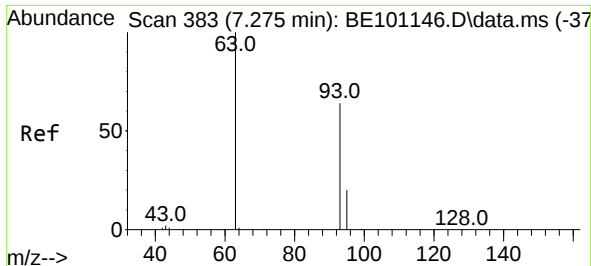
Tgt Ion:112 Resp: 1871
Ion Ratio Lower Upper
112 100
64 76.9 60.8 91.2
63 152.8 119.4 179.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

Tgt Ion: 99 Resp: 1696
Ion Ratio Lower Upper
99 100
42 0.0 18.8 28.2#
71 35.2 26.3 39.5

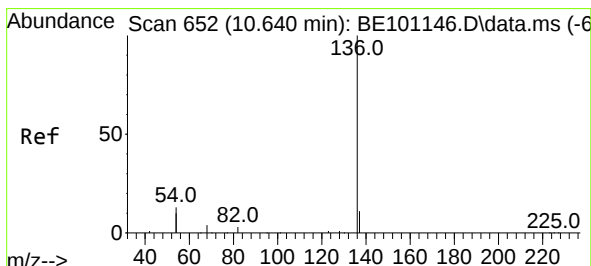
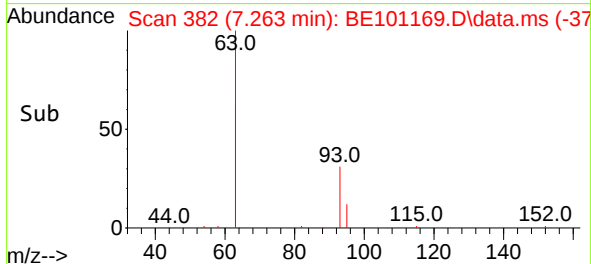
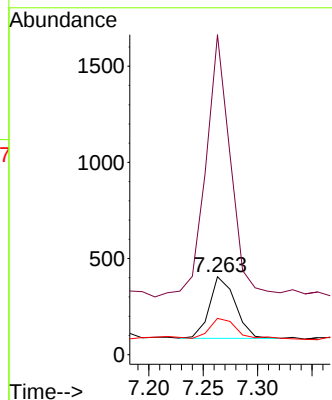
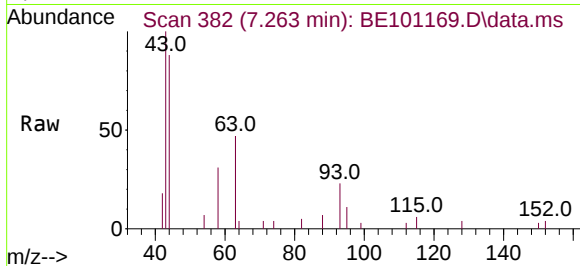




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.263 min Scan# 382
Delta R.T. -0.012 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

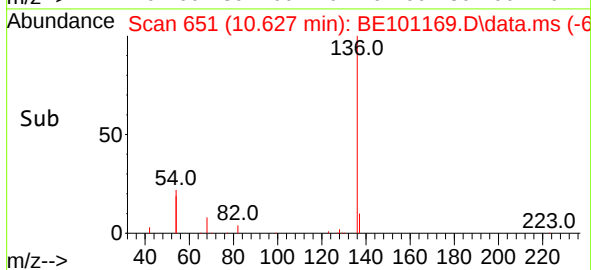
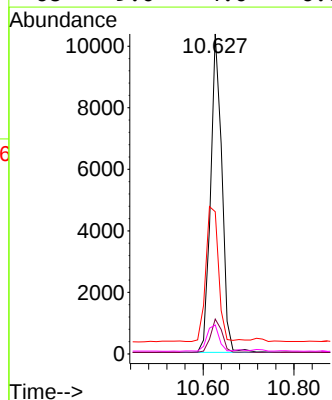
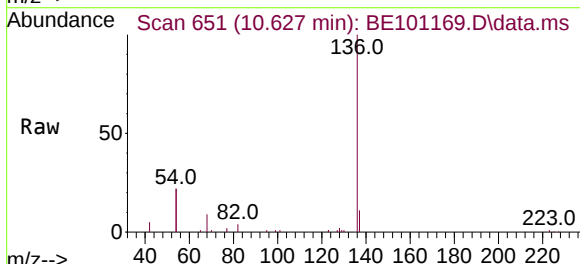
Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325

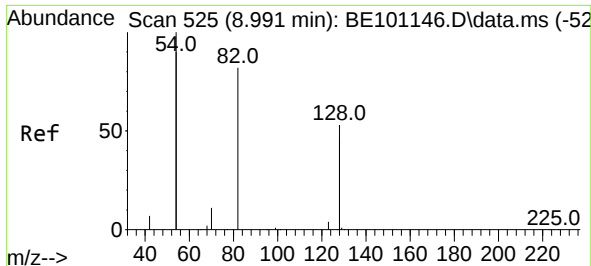
Tgt Ion: 93 Resp: 528
Ion Ratio Lower Upper
93 100
63 411.2 292.5 438.7
95 39.4 25.8 38.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

Tgt Ion: 136 Resp: 17855
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 44.4 20.2 30.4#
68 9.0 4.0 6.0#

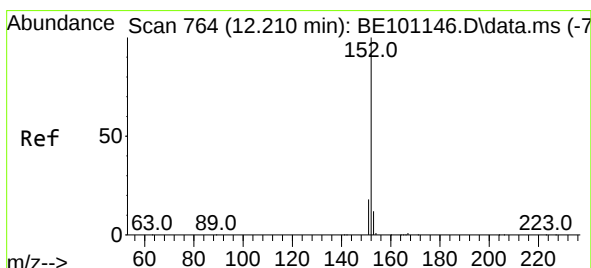
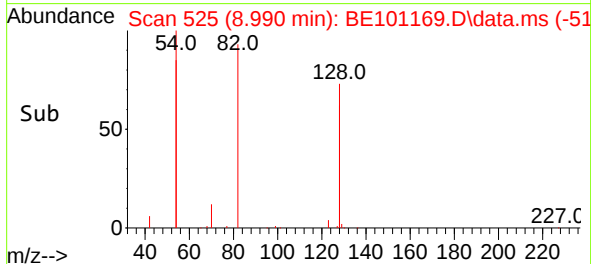
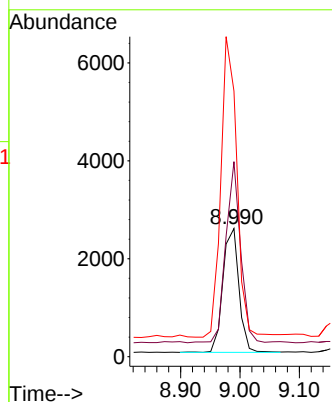
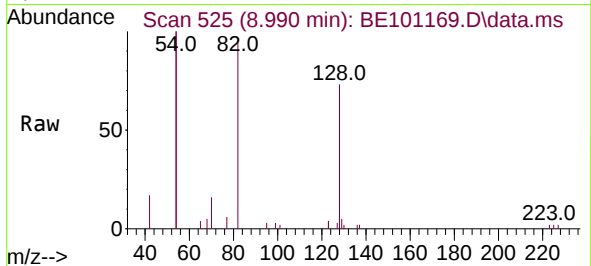




#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.990 min Scan# 525
Delta R.T. -0.001 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

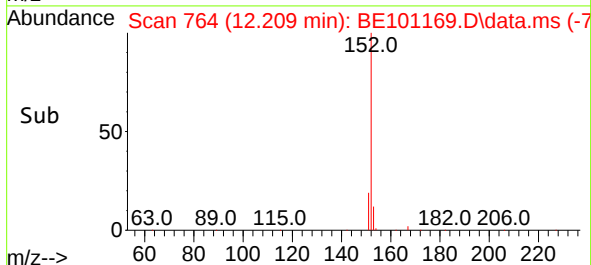
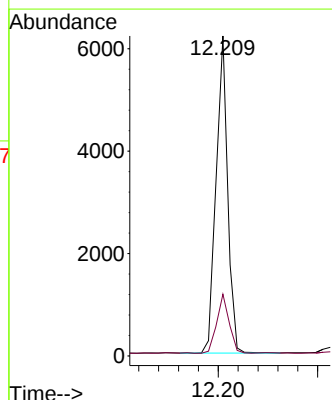
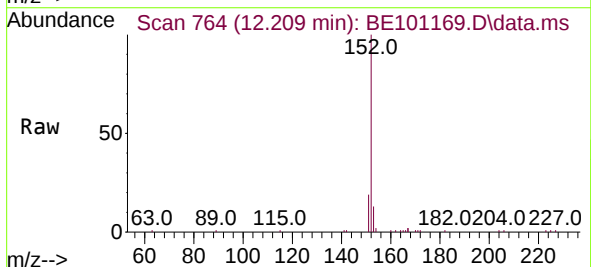
Instrument :
BNA_E
ClientSampleId :
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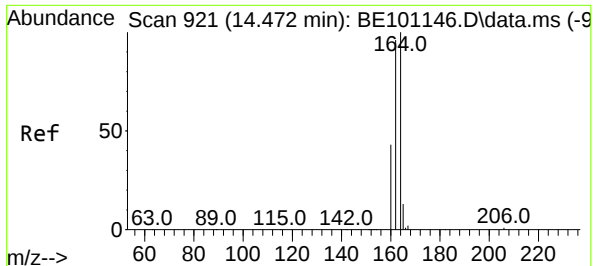
Tgt Ion: 82 Resp: 4752
Ion Ratio Lower Upper
82 100
128 152.2 101.5 152.3
54 207.3 189.8 284.6



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

Tgt Ion: 152 Resp: 10000
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8

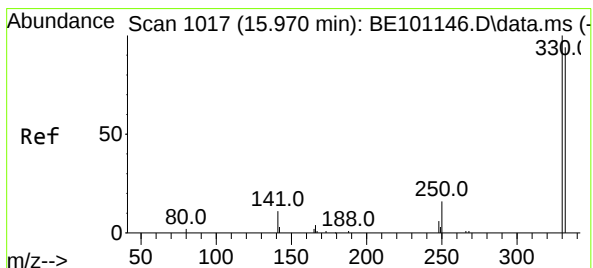
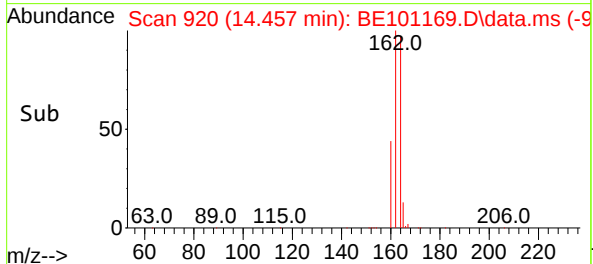
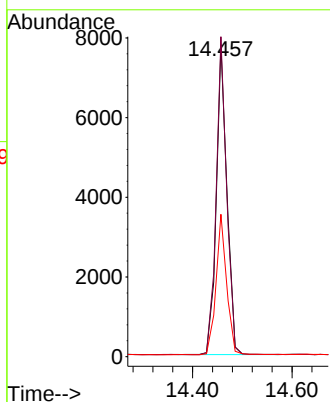
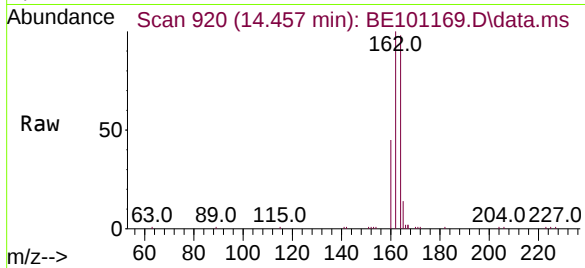




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.015 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

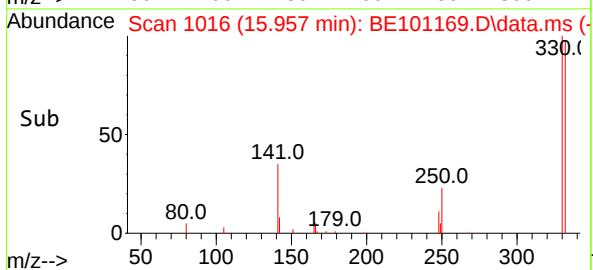
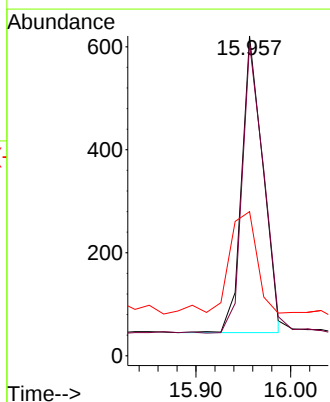
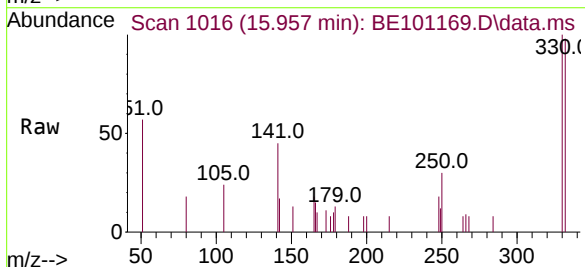
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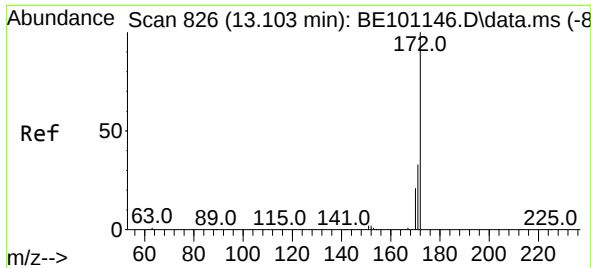
Tgt Ion:164 Resp: 11479
Ion Ratio Lower Upper
164 100
162 102.5 76.6 115.0
160 45.6 34.5 51.7



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.957 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

Tgt Ion:330 Resp: 898
Ion Ratio Lower Upper
330 100
332 98.0 69.1 103.7
141 44.7 30.6 45.8

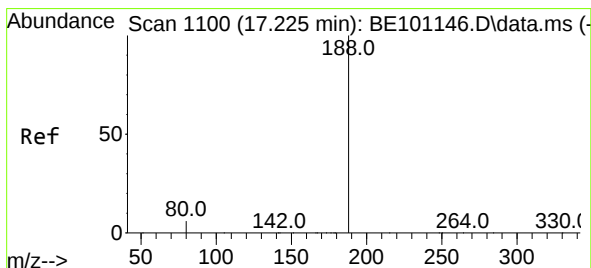
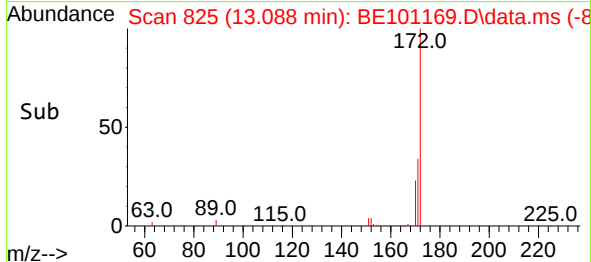
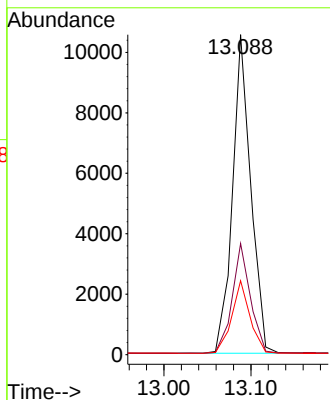
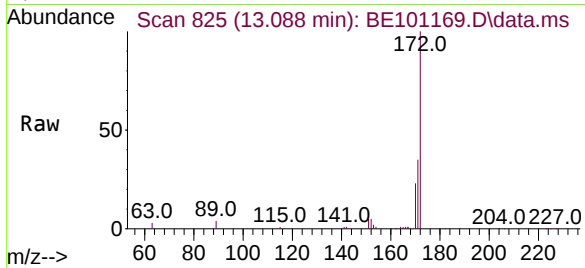




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

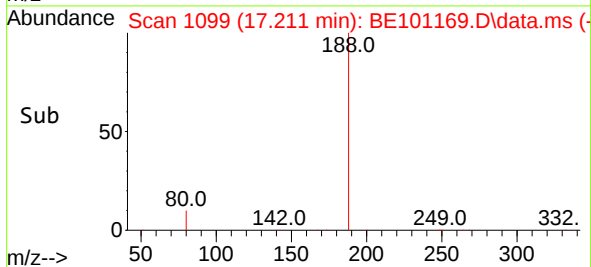
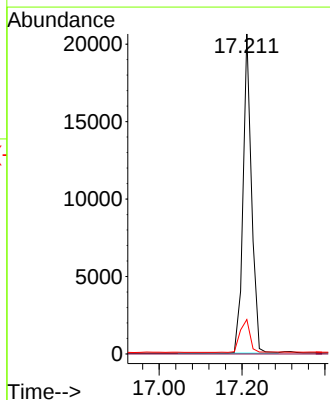
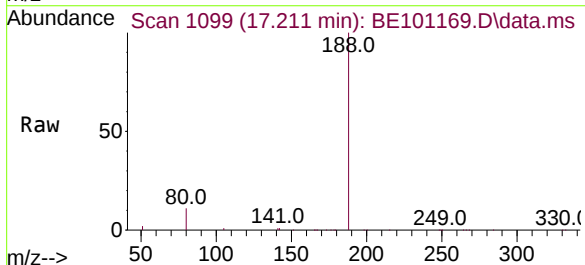
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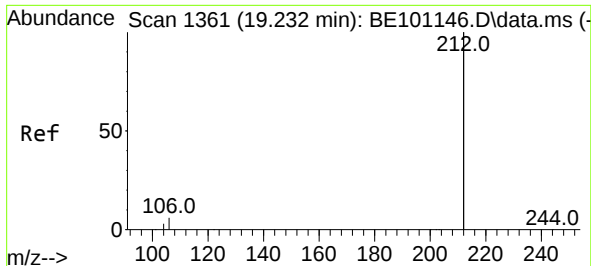
Tgt Ion:172	Resp:	15397
Ion Ratio	Lower	Upper
172	100	
171	34.8	26.4 39.6
170	23.1	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

Tgt Ion:188	Resp:	29441
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.8	4.8 7.2#

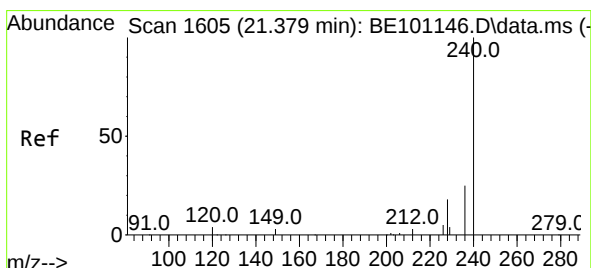
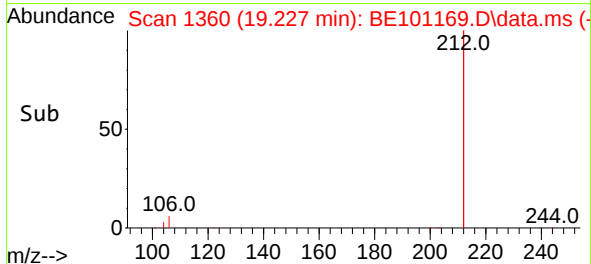
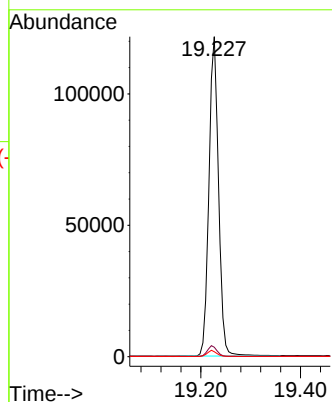
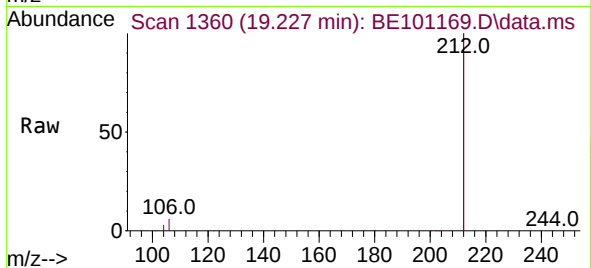




#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.227 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

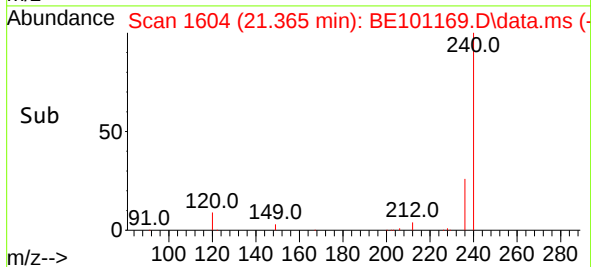
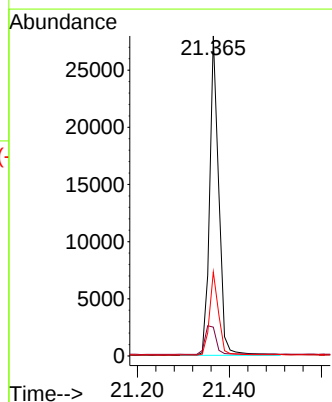
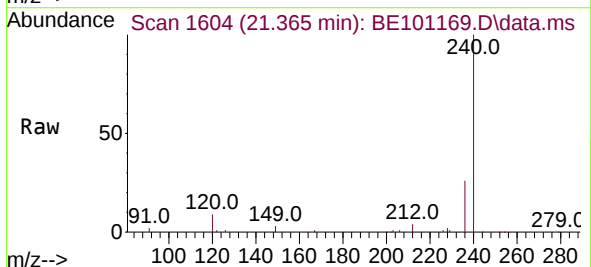
Instrument :
BNA_E
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RE115D2-20210325

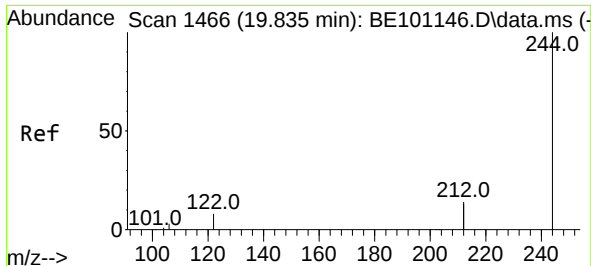
Tgt Ion:212 Resp: 161995
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 1.8 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. -0.014 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

Tgt Ion:240 Resp: 38275
Ion Ratio Lower Upper
240 100
120 9.0 4.1 6.1#
236 26.3 20.3 30.5

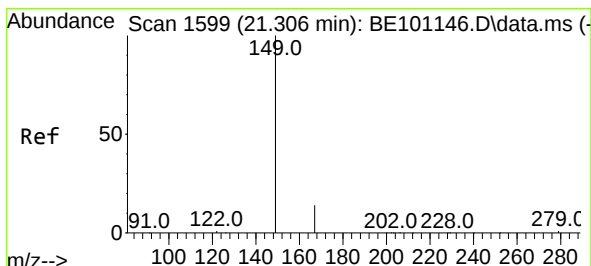
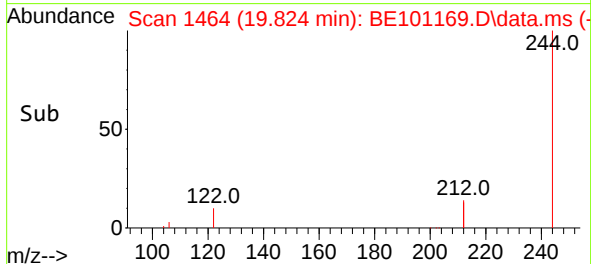
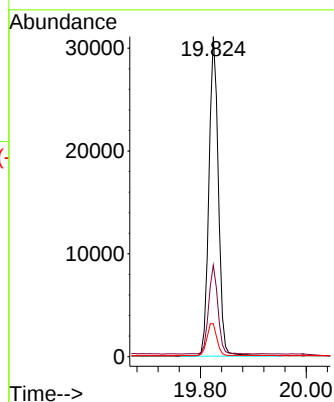
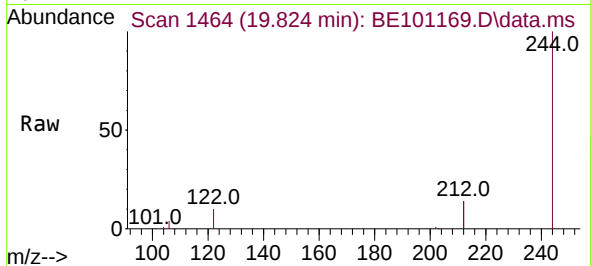




#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.824 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

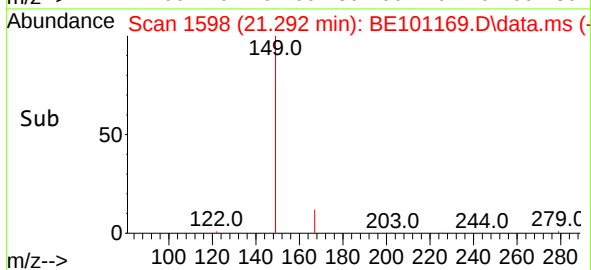
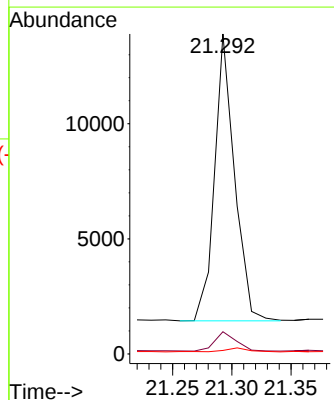
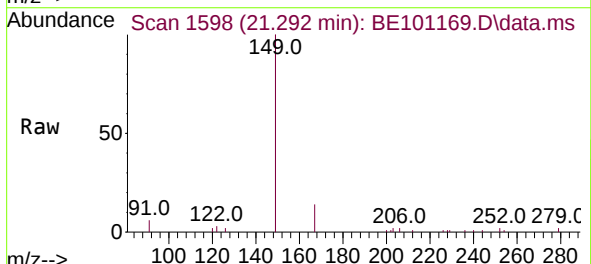
Instrument :
BNA_E
ClientSampleId :
RE115D2-20210325

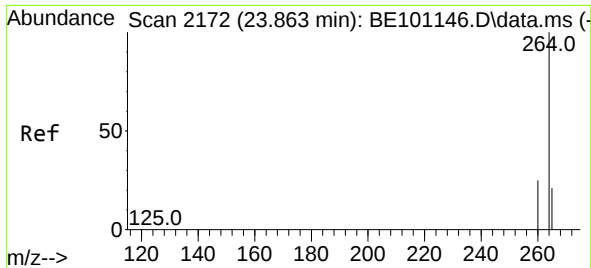
Tgt Ion:244 Resp: 38434
Ion Ratio Lower Upper
244 100
212 28.6 21.7 32.5
122 10.3 6.6 10.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.292 min Scan# 1598
Delta R.T. -0.014 min
Lab File: BE101169.D
Acq: 31 Mar 2021 19:30

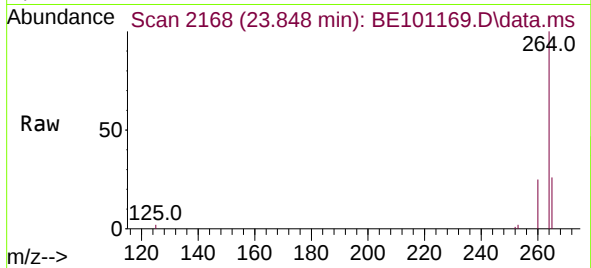
Tgt Ion:149 Resp: 14616
Ion Ratio Lower Upper
149 100
167 7.2 5.4 8.2
279 1.6 0.9 1.3#



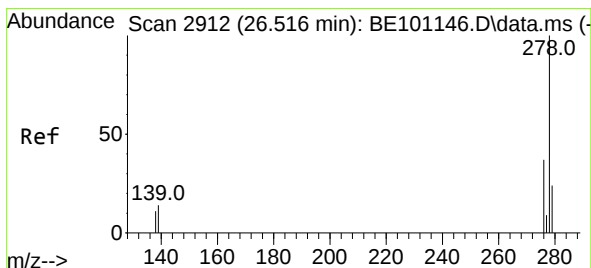
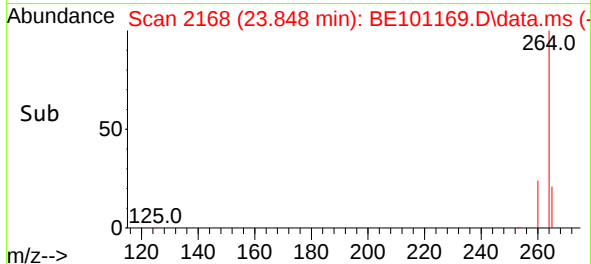
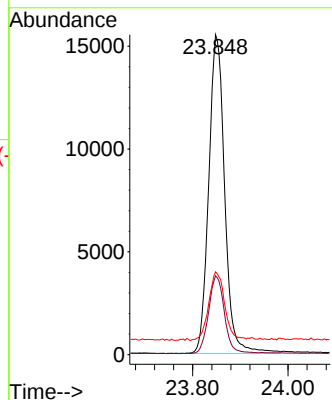


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.848 min Scan# 2168
 Delta R.T. -0.015 min
 Lab File: BE101169.D
 Acq: 31 Mar 2021 19:30

Instrument :
 BNA_E
 ClientSampleId :
 RE115D2-20210325



Tgt Ion:264 Resp: 36047
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.5 30.7
 265 25.9 20.6 30.8



#40
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng
 RT: 26.499 min Scan# 2907
 Delta R.T. -0.017 min
 Lab File: BE101169.D
 Acq: 31 Mar 2021 19:30

Tgt Ion:278 Resp: 927
 Ion Ratio Lower Upper
 278 100
 139 41.4 12.0 18.0#
 279 45.8 20.2 30.4#

