

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101165.D
 Acq On : 31 Mar 2021 17:00
 Operator : CG/JU
 Sample : M1843-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D2-20210325

Manual Integrations
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mohammad
 4/1/2021 10:52:13 AM

Quant Time: Mar 31 17:45:23 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	4091	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	17618	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	11437	0.40	ng	-0.01
19) Phenanthrene-d10	17.210	188	28642	0.40	ng	#-0.01
29) Chrysene-d12	21.367	240	36333	0.40	ng	#-0.01
36) Perylene-d12	23.852	264	34454	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1947	0.20	ng	0.00
5) Phenol-d6	6.997	99	1701	0.11	ng	0.00
8) Nitrobenzene-d5	8.991	82	5219	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.211	152	10084	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1225	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	15338	0.36	ng	-0.01
27) Fluoranthene-d10	19.226	212	176119	0.49	ng	0.00
31) Terphenyl-d14	19.824	244	41449	0.50	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.680	128	3608	0.02	ng	# 93
28) Fluoranthene	19.255	202	2105	0.02	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.294	149	12285	0.20	ng	# 98
40) Dibenzo(a,h)anthracene	26.494	278	1057	0.11	ng	# 33

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

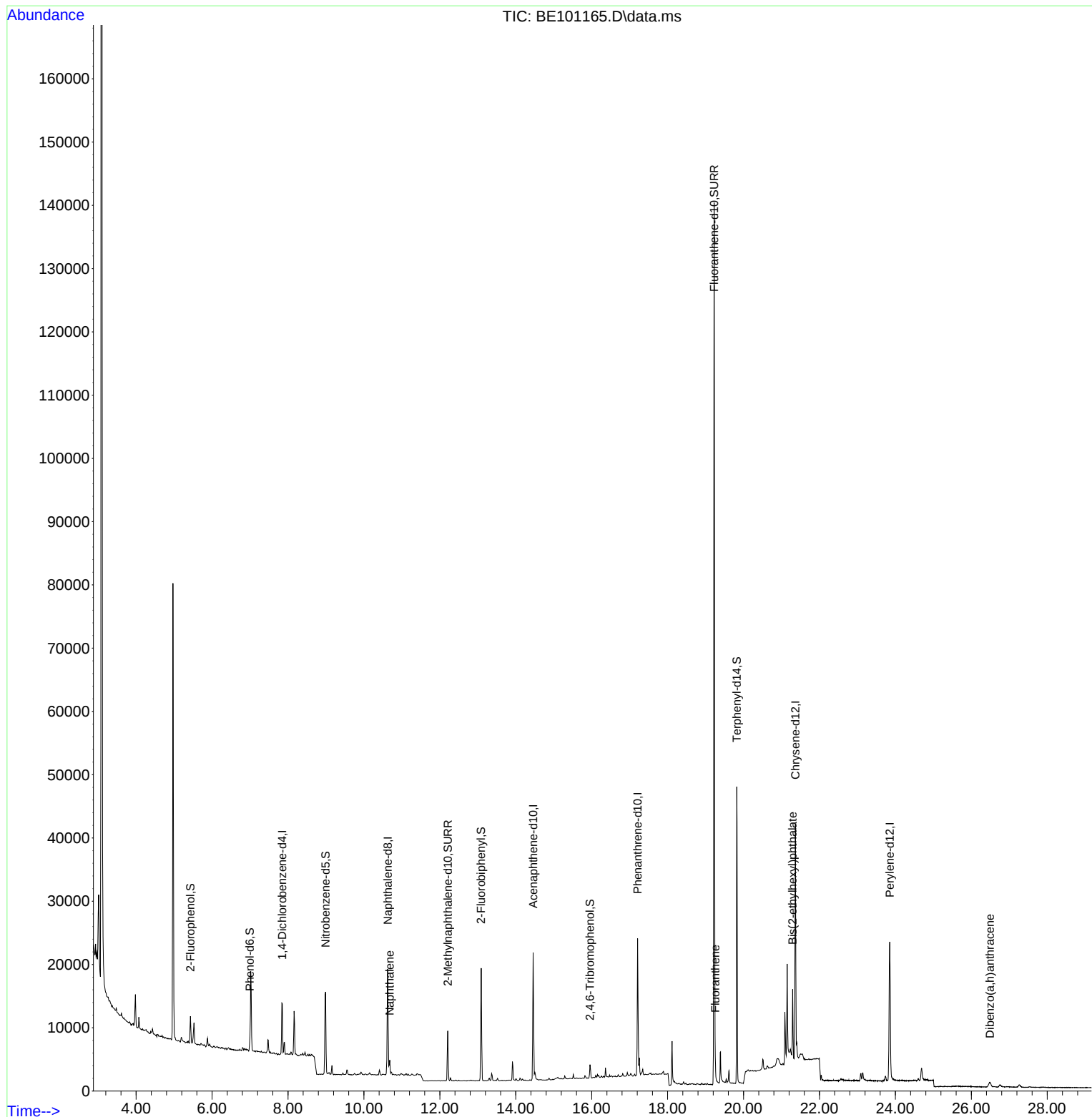
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
Data File : BE101165.D
Acq On : 31 Mar 2021 17:00
Operator : CG/JU
Sample : M1843-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

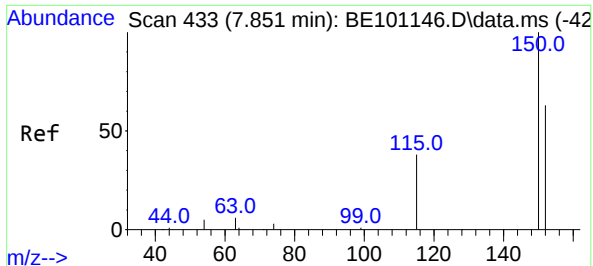
Instrument :
BNA_E
ClientSampleId :
RE117D2-20210325

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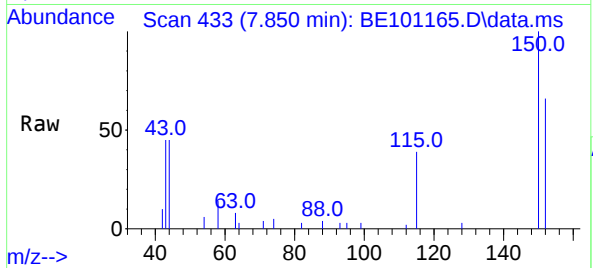
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Quant Time: Mar 31 17:45:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:11:33 2021
Response via : Initial Calibration

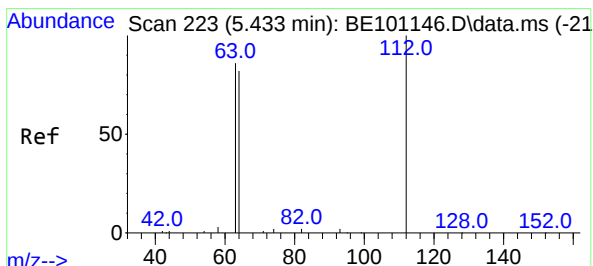
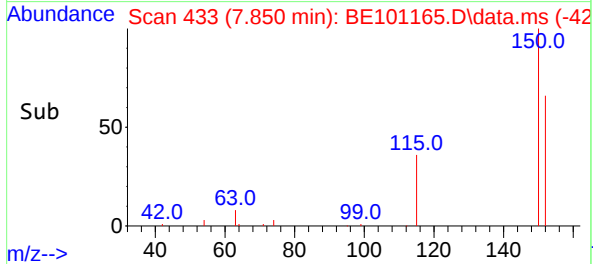
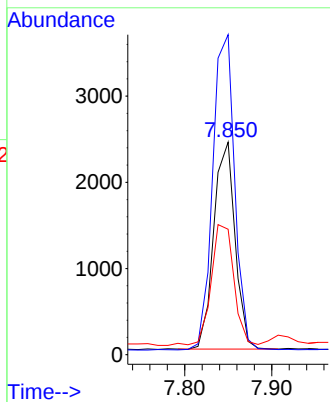




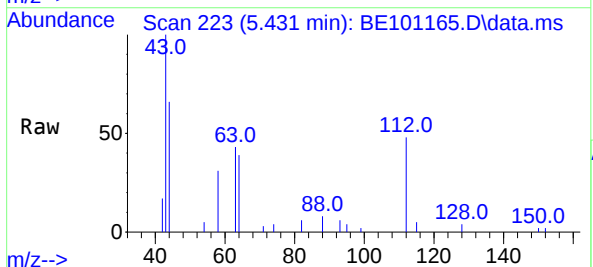
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.850 min Scan# 433
Delta R.T. -0.001 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



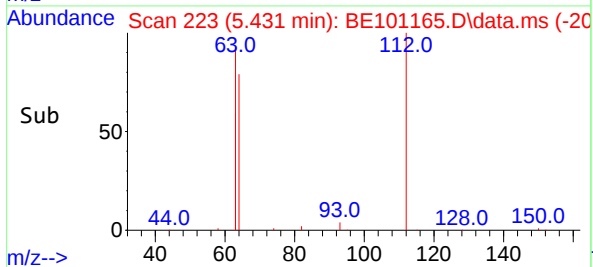
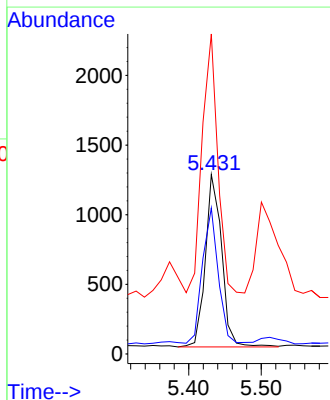
Tgt Ion:152 Resp: 4091
Ion Ratio Lower Upper
152 100
150 150.6 126.3 189.5
115 59.0 48.9 73.3



#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.431 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



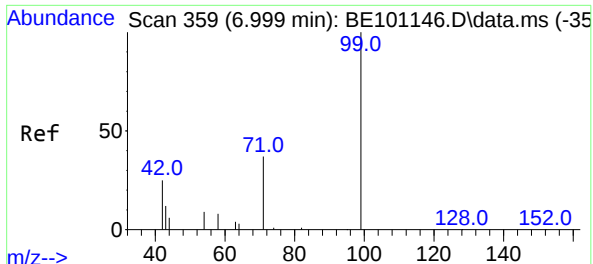
Tgt Ion:112 Resp: 1947
Ion Ratio Lower Upper
112 100
64 78.1 60.8 91.2
63 149.4 119.4 179.0



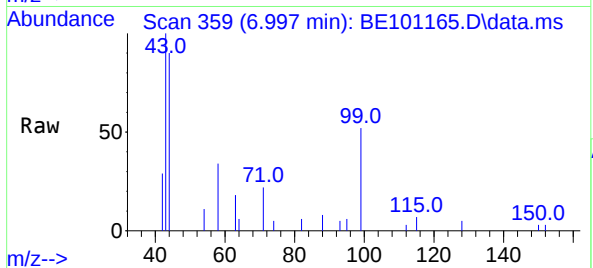
Instrument :
BNA_E
ClientSampleId :
RE117D2-20210325

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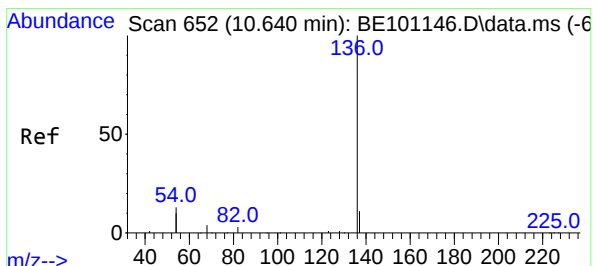
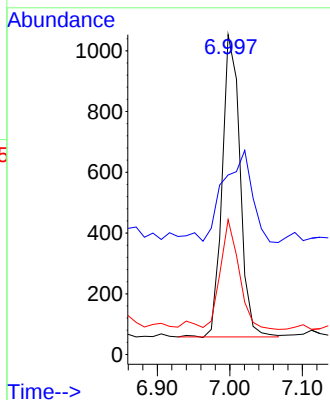
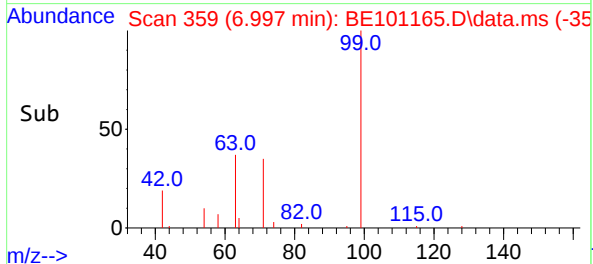
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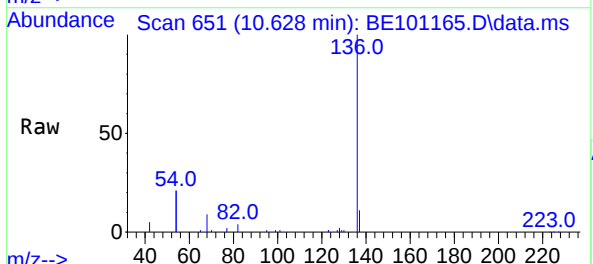
#5
Phenol-d6
Concen: 0.11 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.002 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



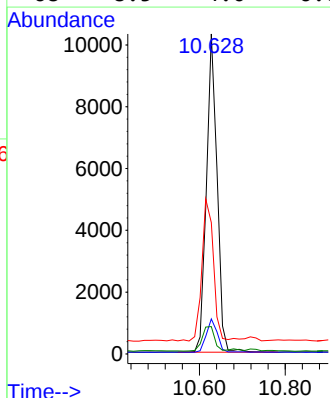
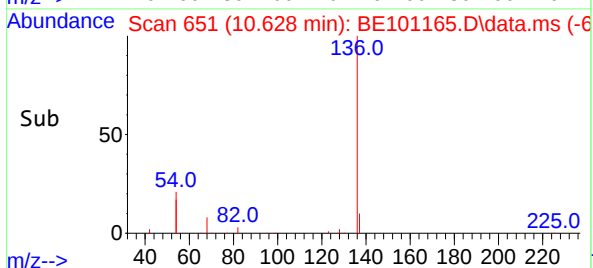
Tgt Ion: 99 Resp: 1701
Ion Ratio Lower Upper
99 100
42 0.0 18.8 28.2#
71 38.0 26.3 39.5



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



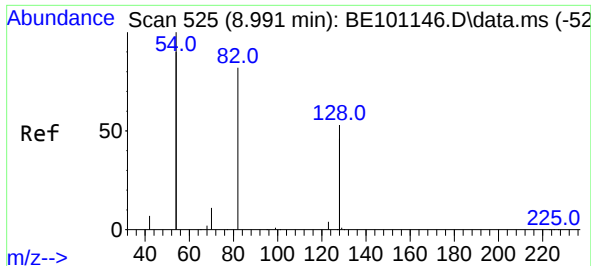
Tgt Ion: 136 Resp: 17618
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 41.1 20.2 30.4#
68 8.5 4.0 6.0#



Instrument :
BNA_E
ClientSampleId :
RE117D2-20210325

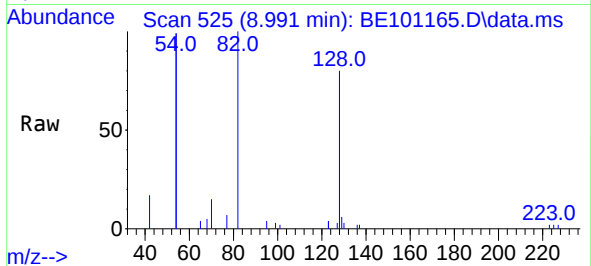
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#8
Nitrobenzene-d5
Concen: 0.50 ng
RT: 8.991 min Scan# 525
Delta R.T. 0.000 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

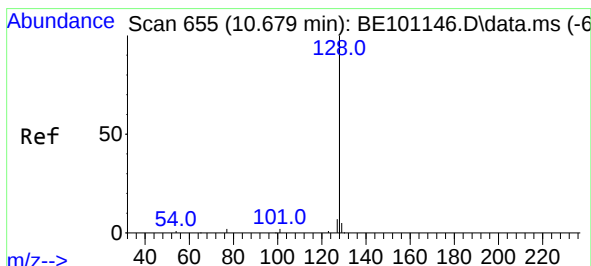
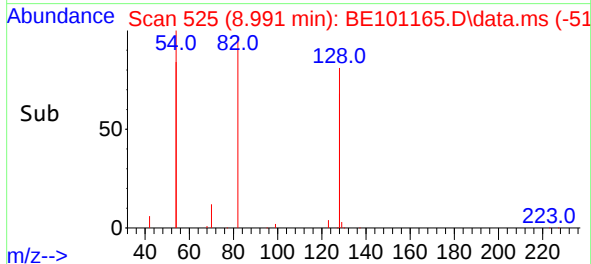
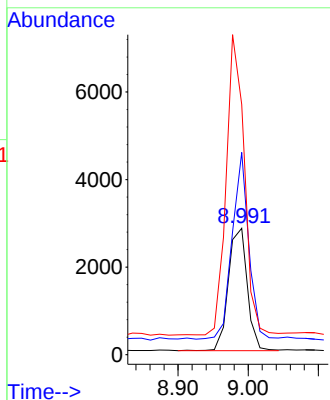
Instrument :
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ClientSampleId :
RE117D2-20210325



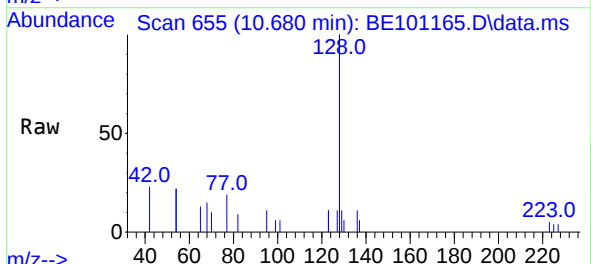
Tgt Ion: 82 Resp: 5219
Ion Ratio Lower Upper
82 100
128 160.0 101.5 152.3#
54 198.1 189.8 284.6

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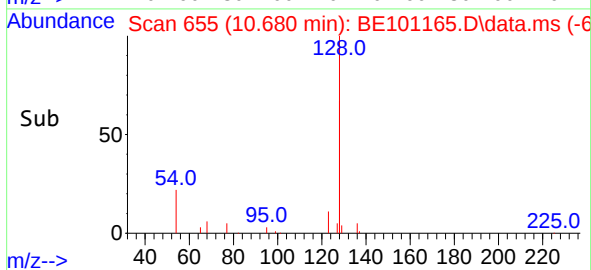
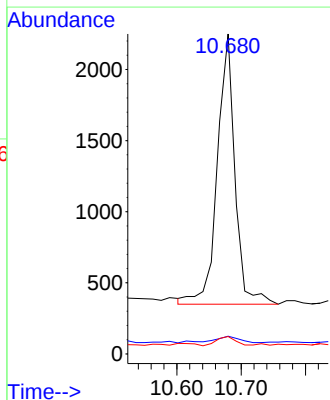
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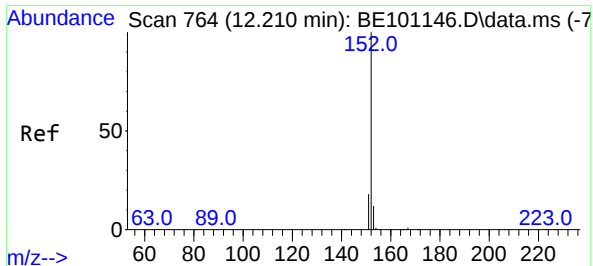


#9
Naphthalene
Concen: 0.02 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.000 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



Tgt Ion: 128 Resp: 3608
Ion Ratio Lower Upper
128 100
129 5.5 2.2 3.2#
127 5.4 2.7 4.1#





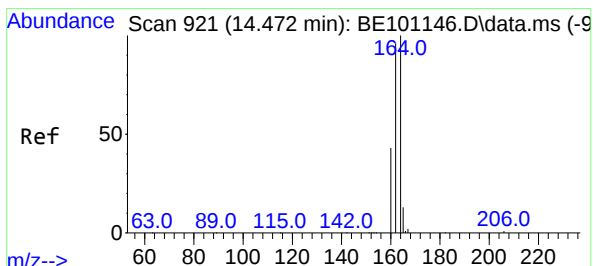
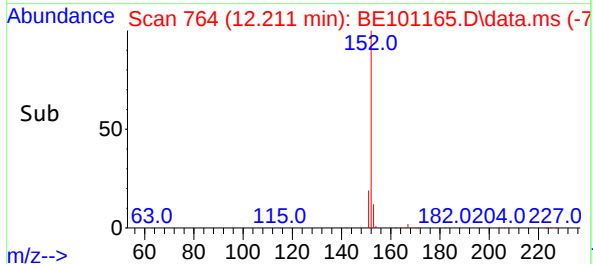
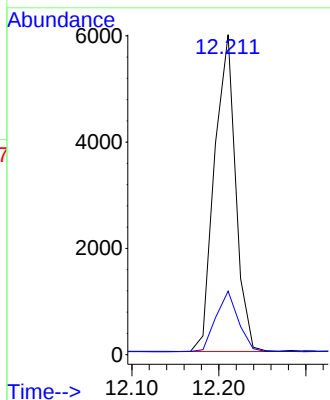
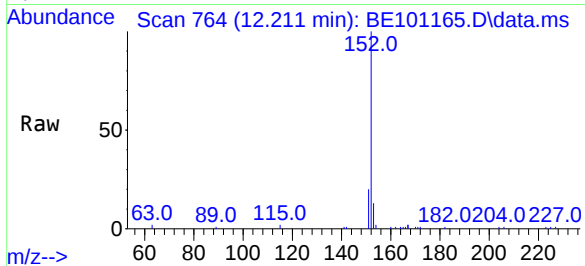
#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.211 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:152 Resp: 10084
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8

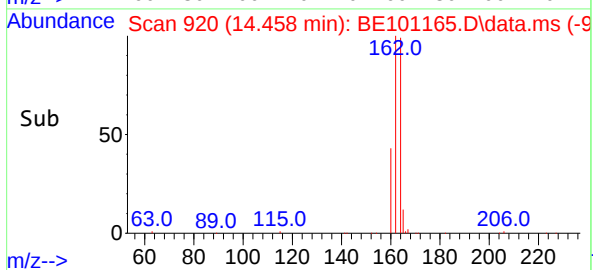
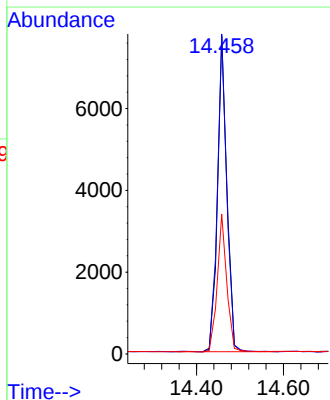
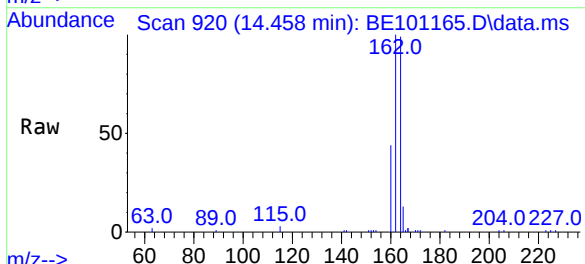
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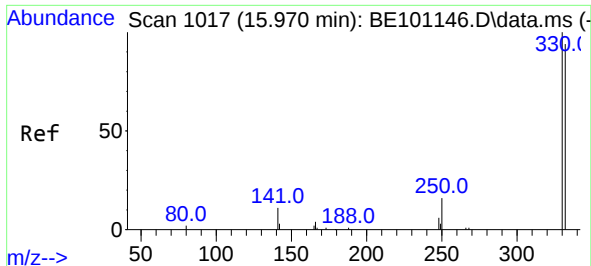
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

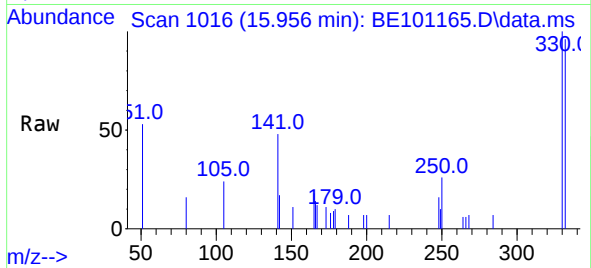
Tgt Ion:164 Resp: 11437
Ion Ratio Lower Upper
164 100
162 100.7 76.6 115.0
160 44.0 34.5 51.7





#14
2,4,6-Tribromophenol
Concen: 0.60 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.015 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

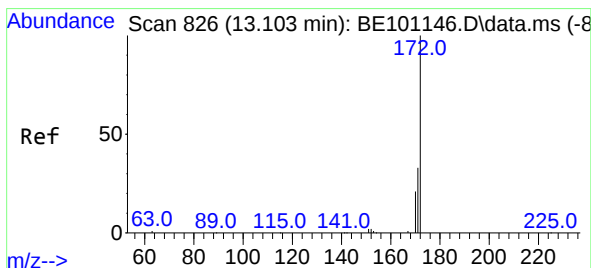
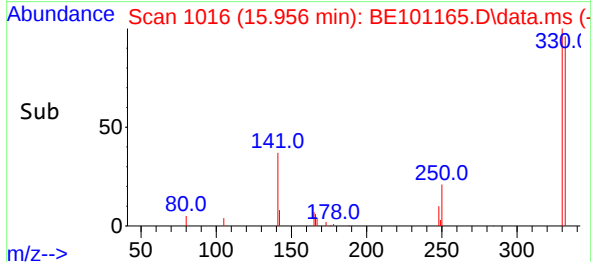
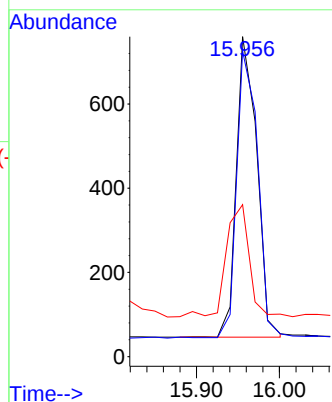
Instrument :
BNA_E
ClientSampleId :
RE117D2-20210325



Tgt Ion:330 Resp: 1225
Ion Ratio Lower Upper
330 100
332 97.9 69.1 103.7
141 40.9 30.6 45.8

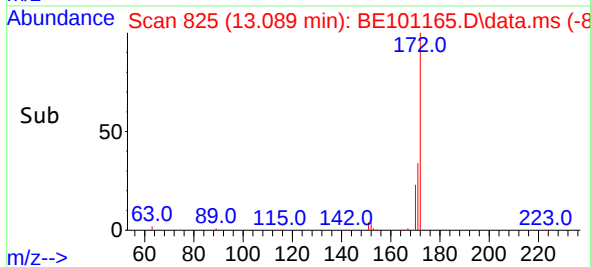
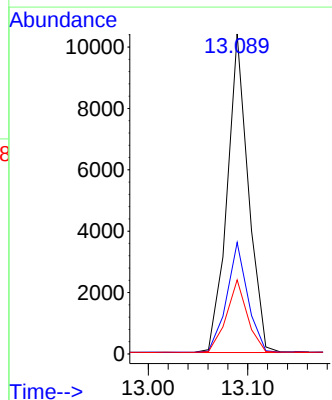
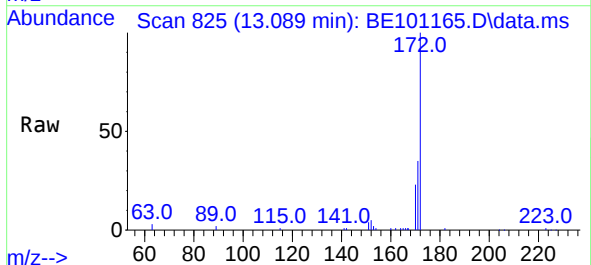
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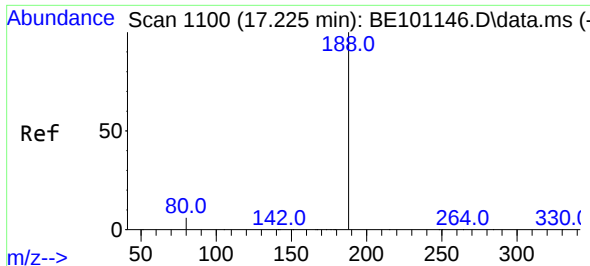
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#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

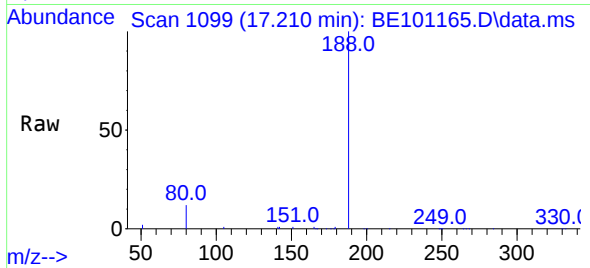
Tgt Ion:172 Resp: 15338
Ion Ratio Lower Upper
172 100
171 34.8 26.4 39.6
170 23.2 17.4 26.0





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.210 min Scan# 1099
Delta R.T. -0.015 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

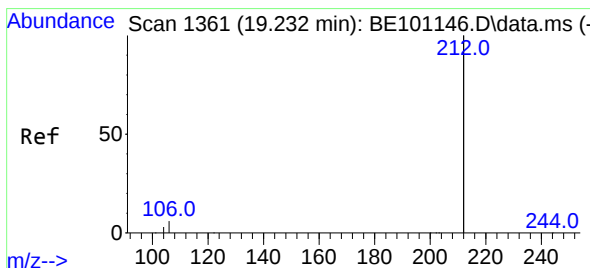
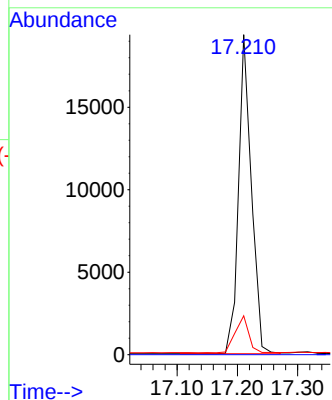
Instrument :
BNA_E
ClientSampleId :
RE117D2-20210325



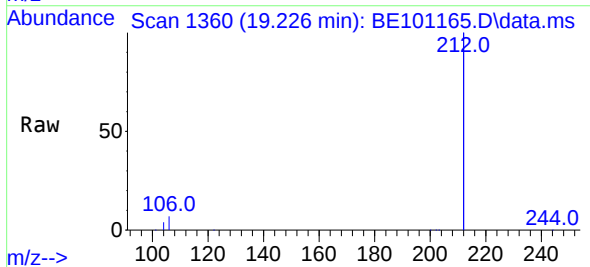
Tgt Ion:188 Resp: 28642
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 4.8 7.2#

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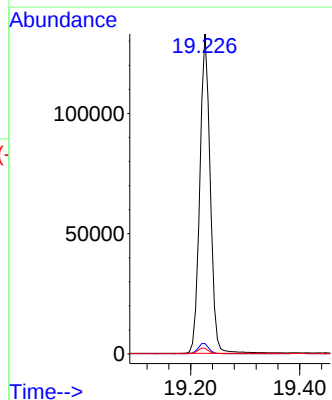
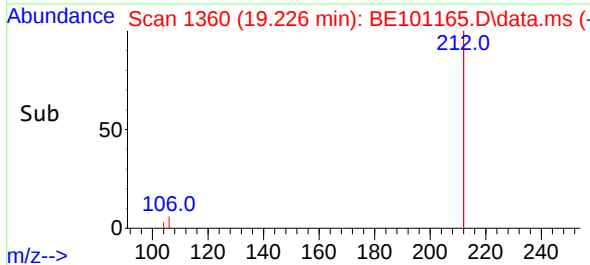
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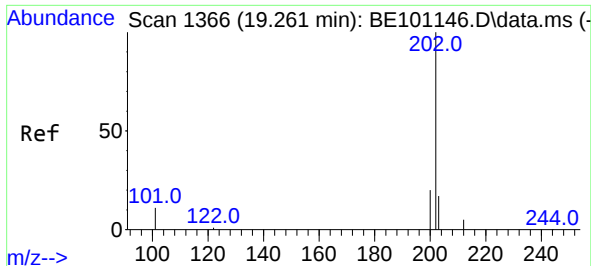


#27
Fluoranthene-d10
Concen: 0.49 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



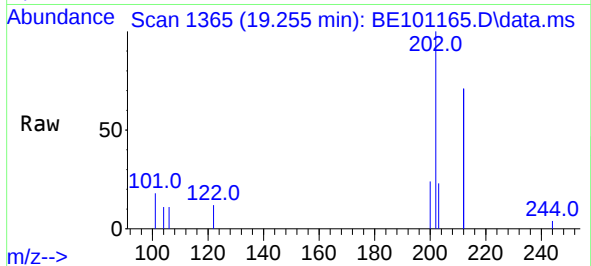
Tgt Ion:212 Resp: 176119
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 1.9 1.4 2.2





#28
Fluoranthene
Concen: 0.02 ng
RT: 19.255 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

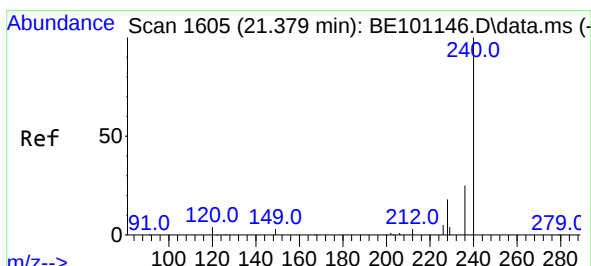
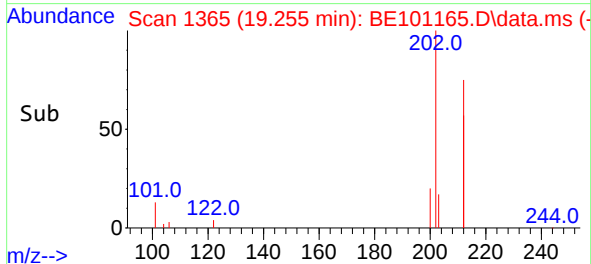
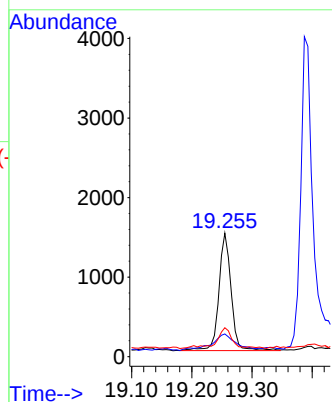
Instrument :
BNA_E
ClientSampleId :
RE117D2-20210325



Tgt Ion:202 Resp: 2105
Ion Ratio Lower Upper
202 100
101 27.1 8.9 13.3#
203 16.0 13.8 20.6

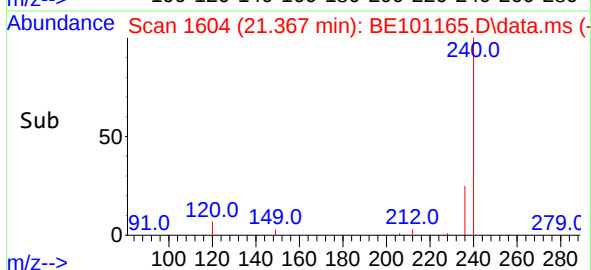
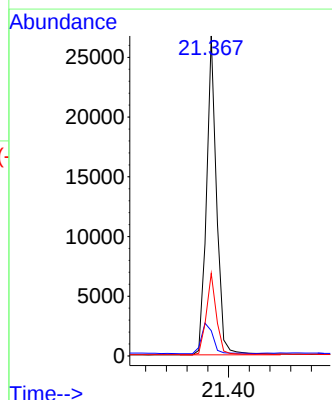
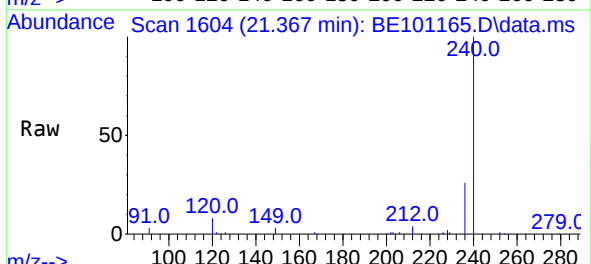
Manual Integrations
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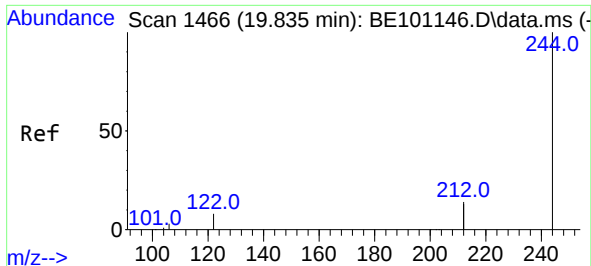
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#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.367 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00

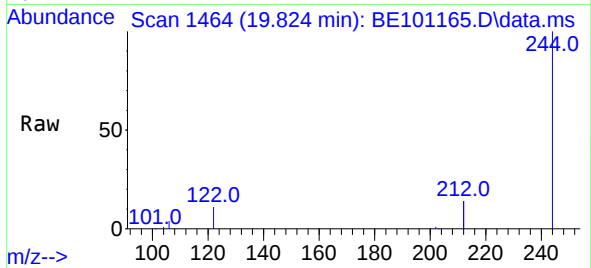
Tgt Ion:240 Resp: 36333
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 25.8 20.3 30.5





#31
 Terphenyl-d14
 Concen: 0.50 ng
 RT: 19.824 min Scan# 1464
 Delta R.T. -0.011 min
 Lab File: BE101165.D
 Acq: 31 Mar 2021 17:00

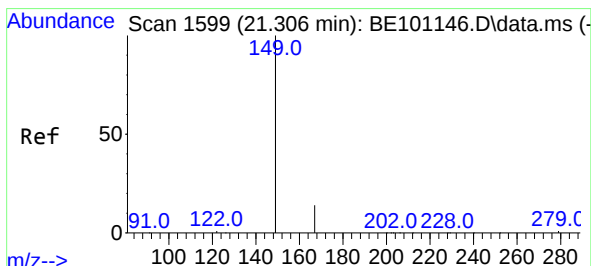
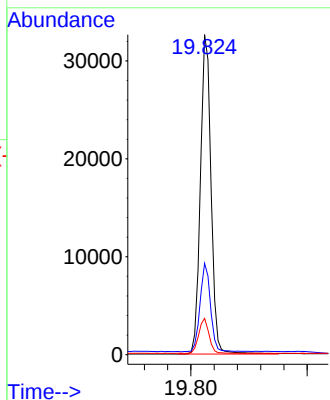
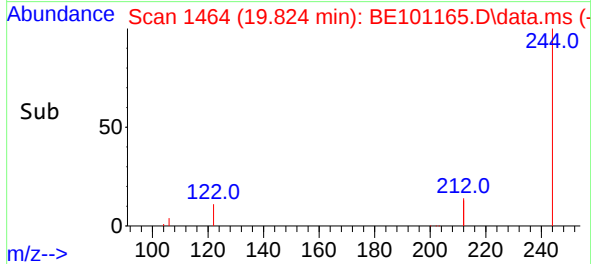
Instrument :
 BNA_E
 ClientSampleId :
 RE117D2-20210325



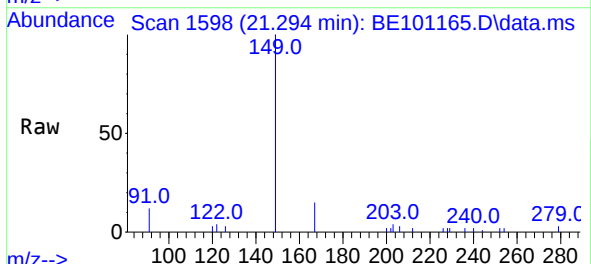
Tgt Ion:244 Resp: 41449
 Ion Ratio Lower Upper
 244 100
 212 28.6 21.7 32.5
 122 11.4 6.6 10.0#

Manual Integrations
 APPROVED

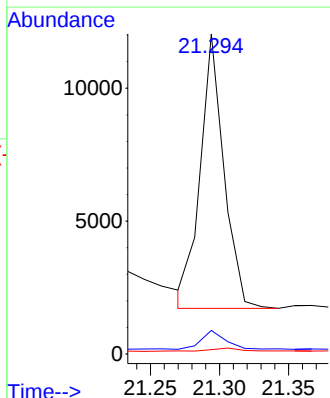
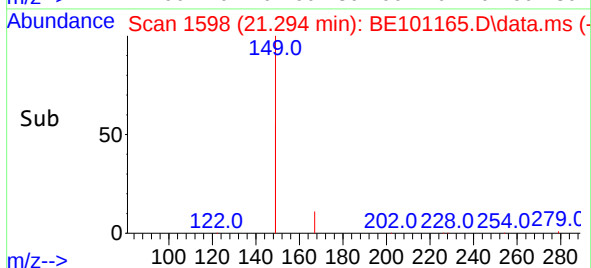
mohammad
 4/1/2021 10:52:13 AM

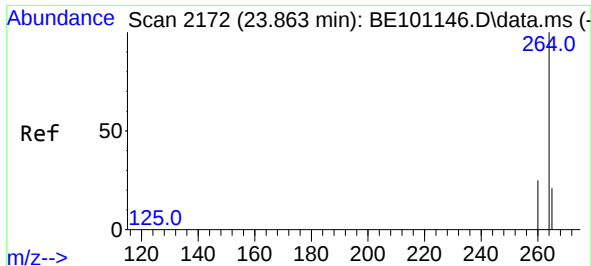


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.294 min Scan# 1598
 Delta R.T. -0.012 min
 Lab File: BE101165.D
 Acq: 31 Mar 2021 17:00

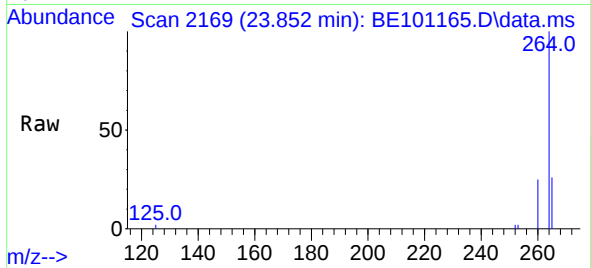


Tgt Ion:149 Resp: 12285
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.4 8.2
 279 1.7 0.9 1.3#

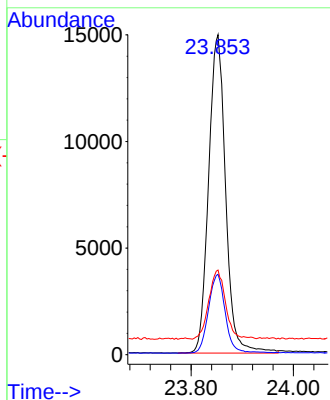




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.852 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



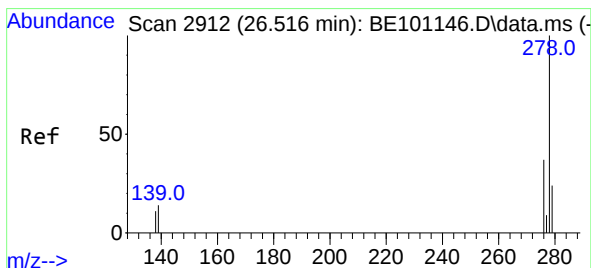
Tgt Ion:264 Resp: 34454
Ion Ratio Lower Upper
264 100
260 25.1 20.5 30.7
265 26.4 20.6 30.8



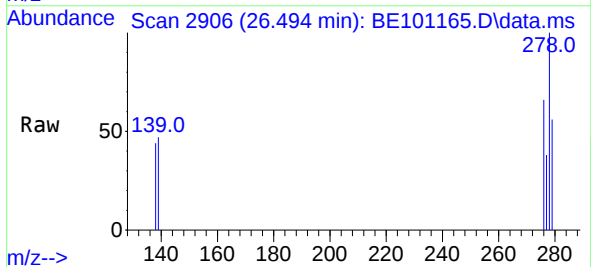
Instrument :
BNA_E
ClientSampleId :
RE117D2-20210325

Manual Integrations
APPROVED

mohammad
4/1/2021 10:52:13 AM



#40
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.494 min Scan# 2906
Delta R.T. -0.022 min
Lab File: BE101165.D
Acq: 31 Mar 2021 17:00



Tgt Ion:278 Resp: 1057
Ion Ratio Lower Upper
278 100
139 47.1 12.0 18.0#
279 56.3 20.2 30.4#

