

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101180.D
 Acq On : 1 Apr 2021 16:44
 Operator : CG/JU
 Sample : M1843-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB01-20210325

Quant Time: Apr 01 17:28:27 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)

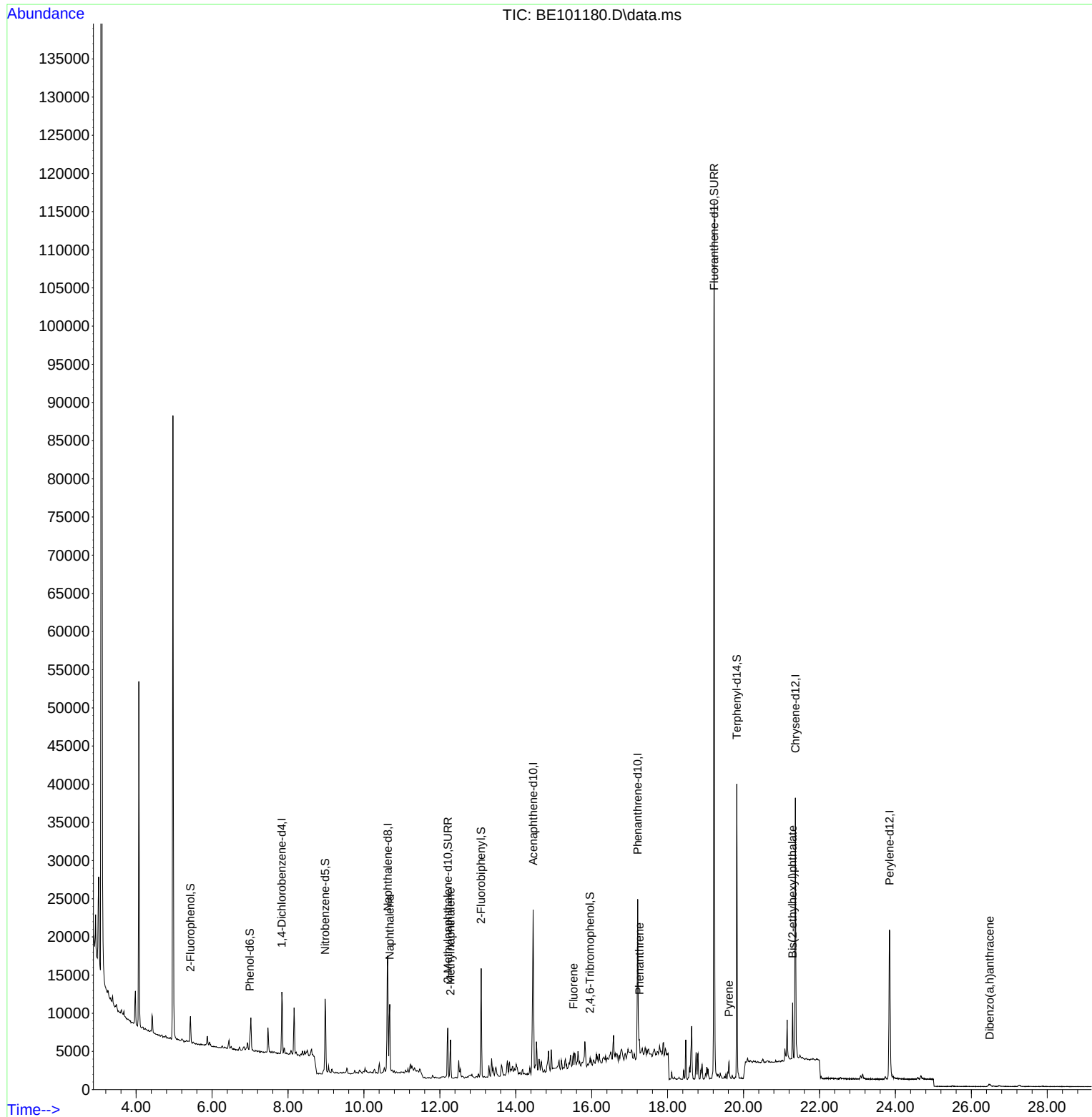
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	3798	0.40	ng	-0.01
7) Naphthalene-d8	10.628	136	16064	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	10770	0.40	ng	0.00
19) Phenanthrene-d10	17.212	188	26845	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	34712	0.40	ng	# 0.00
36) Perylene-d12	23.845	264	30613	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1639	0.18	ng	0.00
5) Phenol-d6	6.997	99	1365	0.10	ng	0.00
8) Nitrobenzene-d5	8.978	82	3791	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	8480	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	228	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.088	172	12078	0.30	ng	0.00
27) Fluoranthene-d10	19.226	212	149509	0.44	ng	0.00
31) Terphenyl-d14	19.823	244	34649	0.44	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	14903	0.09	ng	# 99
12) 2-Methylnaphthalene	12.282	142	3635	0.13	ng	99
18) Fluorene	15.519	166	1199	0.03	ng	# 68
25) Phenanthrene	17.258	178	2848	0.04	ng	# 92
30) Pyrene	19.617	202	2156	0.02	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.293	149	8188	0.14	ng	98
40) Dibenzo(a,h)anthracene	26.484	278	401	0.11	ng	# 18

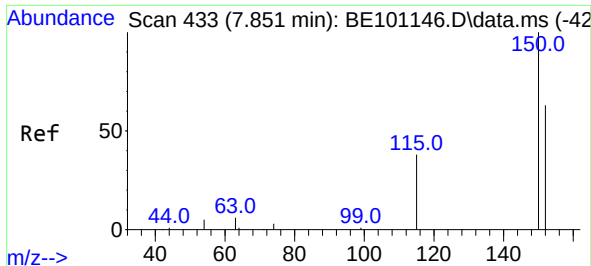
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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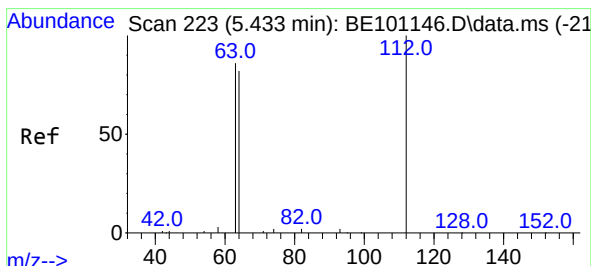
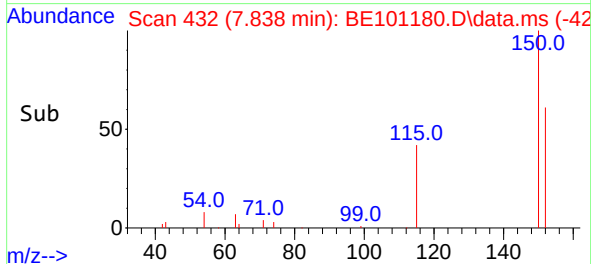
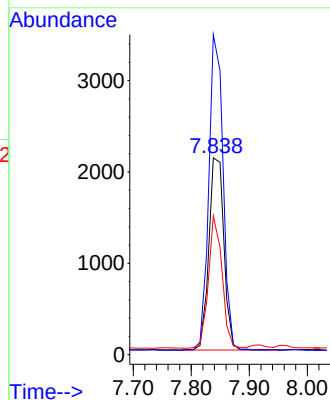
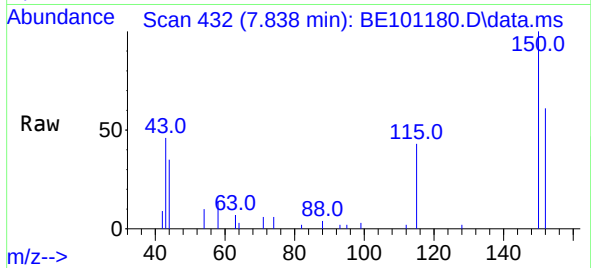




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. -0.012 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

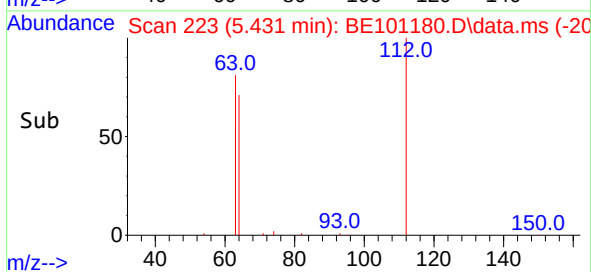
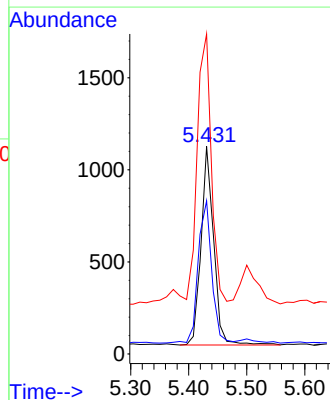
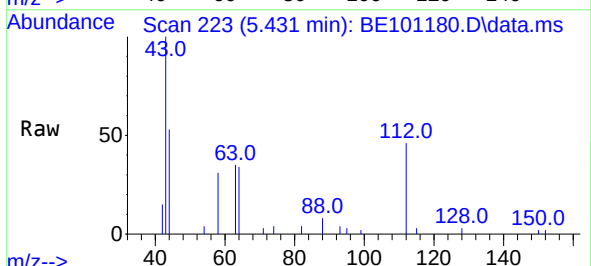
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

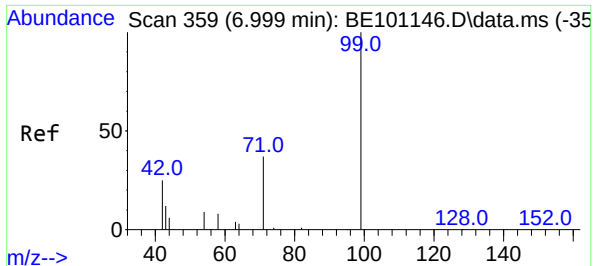
Tgt Ion:152 Resp: 3798
Ion Ratio Lower Upper
152 100
150 162.7 126.3 189.5
115 70.6 48.9 73.3



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.431 min Scan# 223
Delta R.T. -0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:112 Resp: 1639
Ion Ratio Lower Upper
112 100
64 76.8 60.8 91.2
63 162.4 119.4 179.0

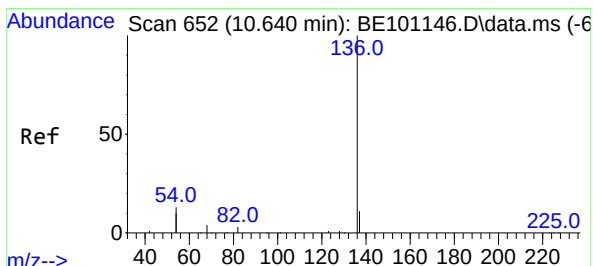
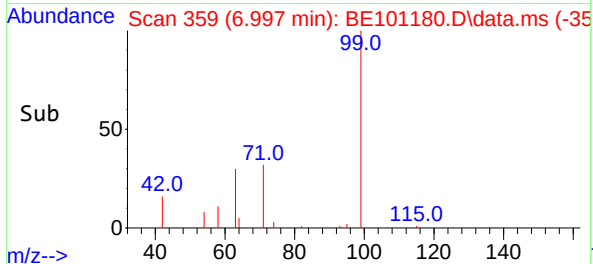
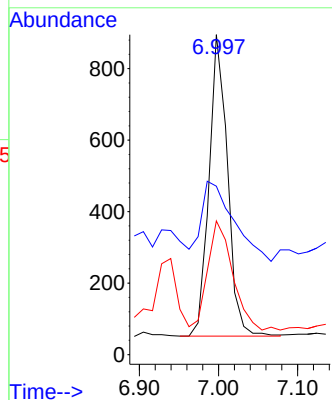
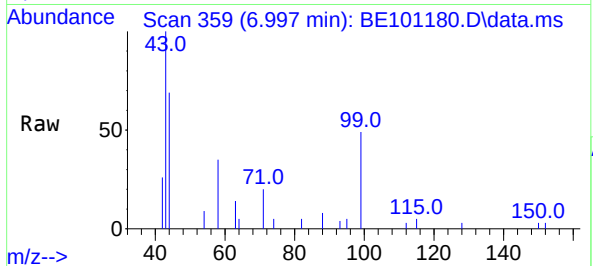




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

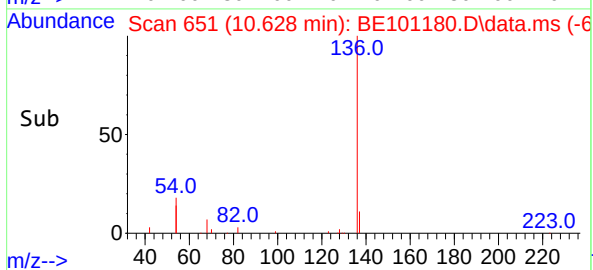
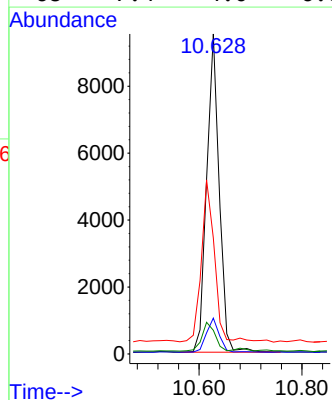
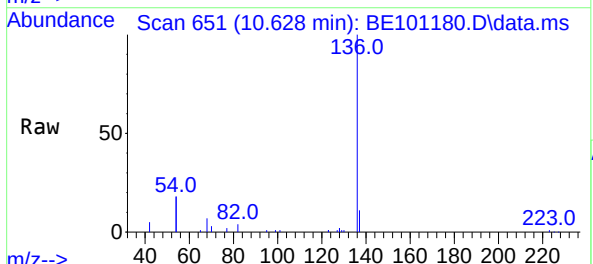
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

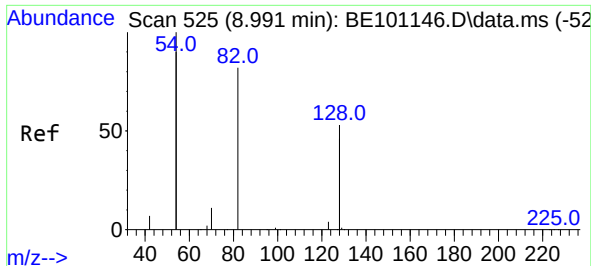
Tgt Ion: 99 Resp: 1365
Ion Ratio Lower Upper
99 100
42 46.0 18.8 28.2#
71 49.0 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:136 Resp: 16064
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 36.2 20.2 30.4#
68 7.4 4.0 6.0#

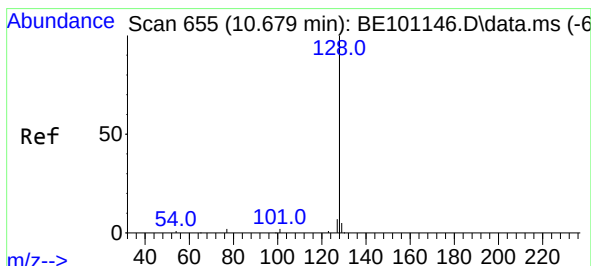
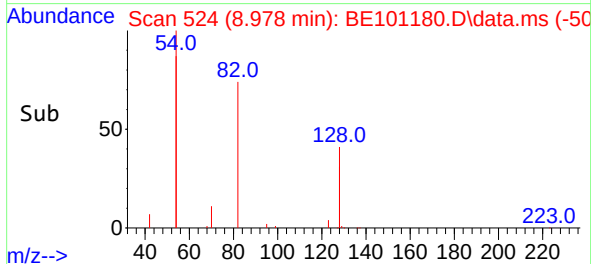
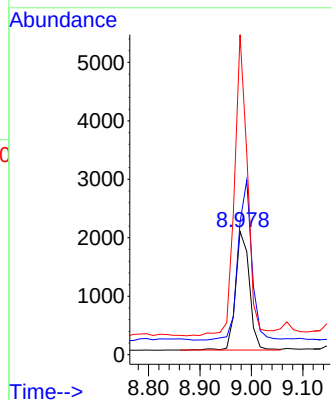
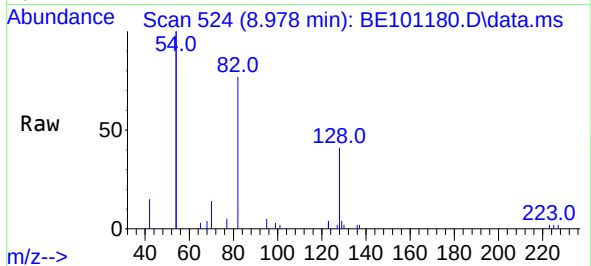




#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

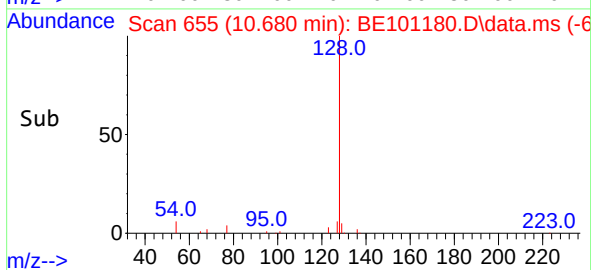
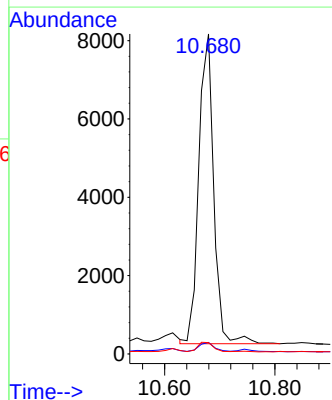
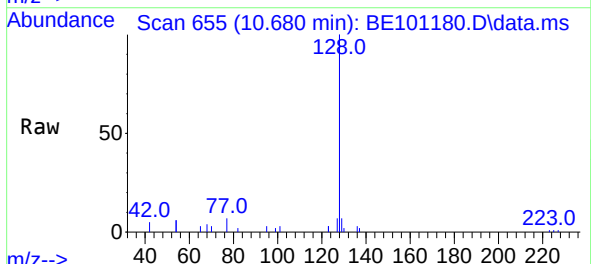
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

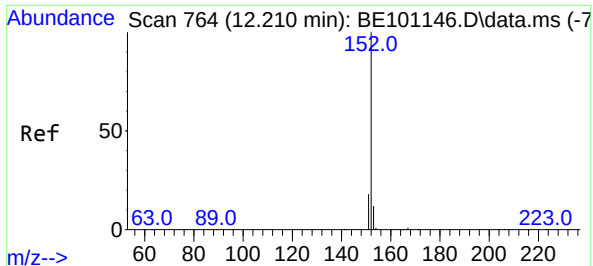
Tgt Ion: 82 Resp: 3791
Ion Ratio Lower Upper
82 100
128 107.5 101.5 152.3
54 259.8 189.8 284.6



#9
Naphthalene
Concen: 0.09 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion: 128 Resp: 14903
Ion Ratio Lower Upper
128 100
129 3.6 2.2 3.2#
127 3.5 2.7 4.1

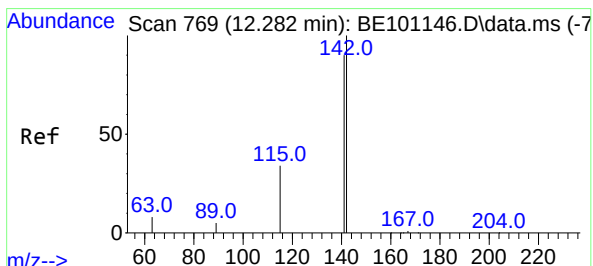
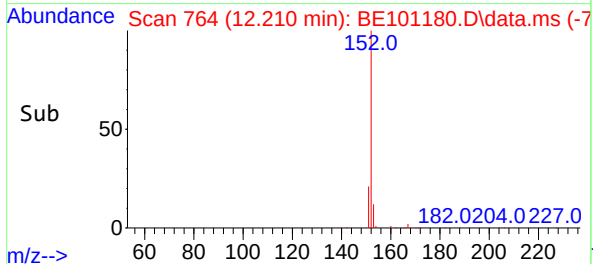
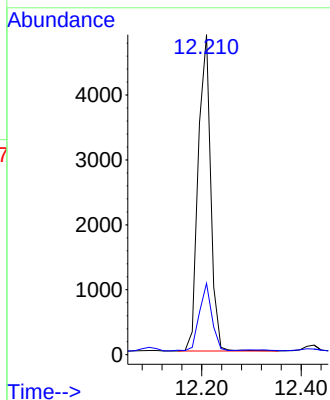
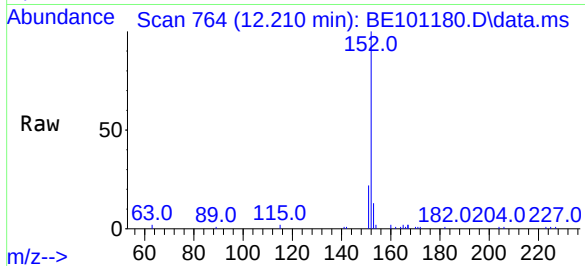




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

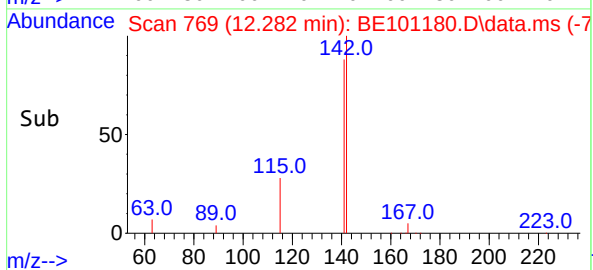
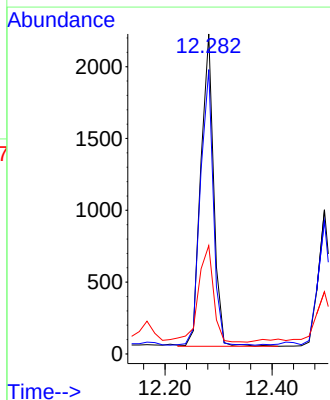
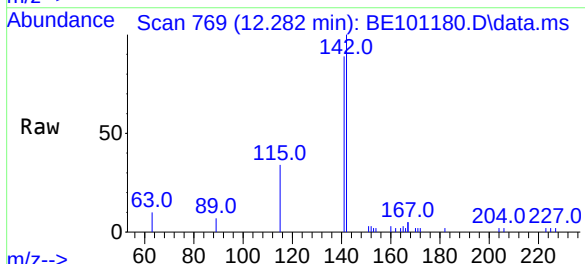
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

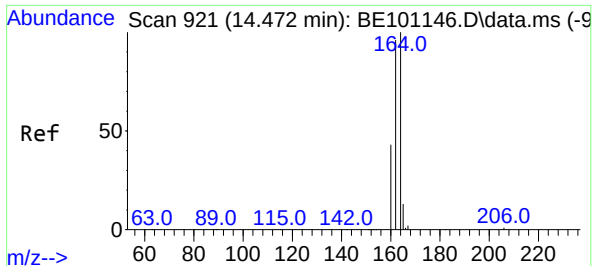
Tgt Ion:152 Resp: 8480
Ion Ratio Lower Upper
152 100
151 21.5 16.6 24.8



#12
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.282 min Scan# 769
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:142 Resp: 3635
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6
115 33.8 27.8 41.6

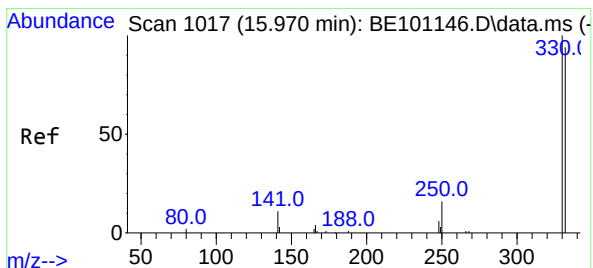
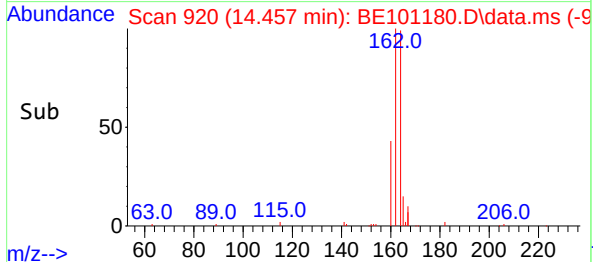
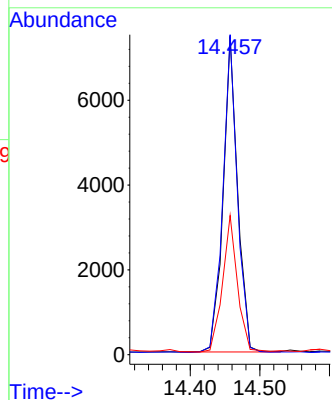
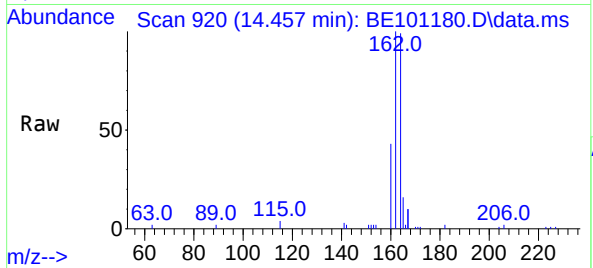




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

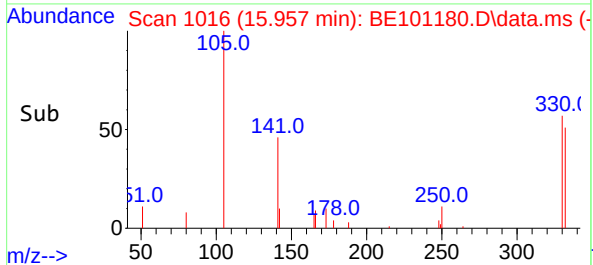
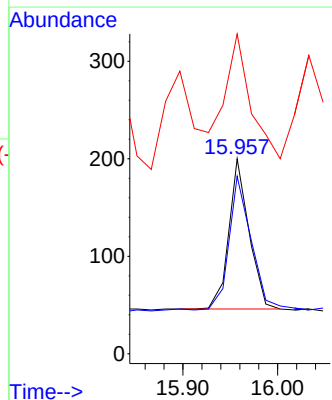
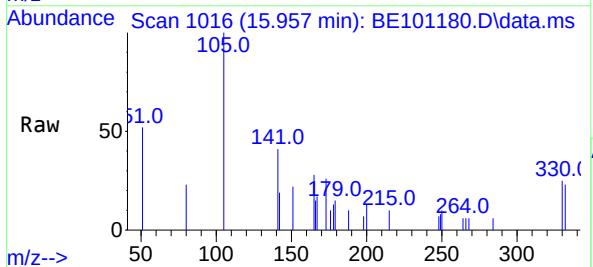
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

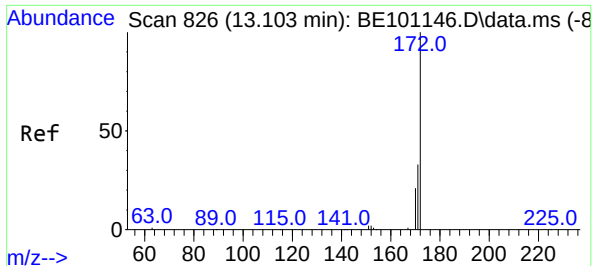
Tgt Ion:164 Resp: 10770
Ion Ratio Lower Upper
164 100
162 100.5 76.6 115.0
160 43.7 34.5 51.7



#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:330 Resp: 228
Ion Ratio Lower Upper
330 100
332 97.4 69.1 103.7
141 100.9 30.6 45.8#



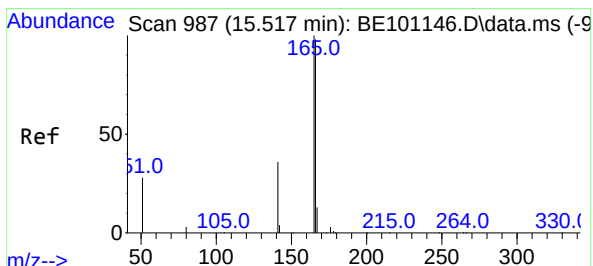
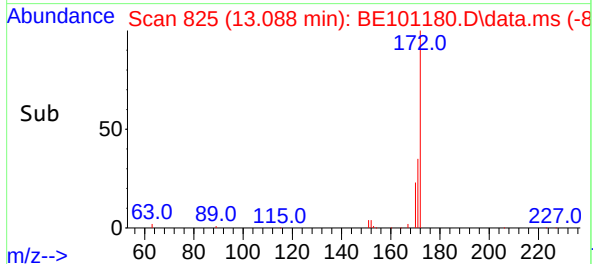
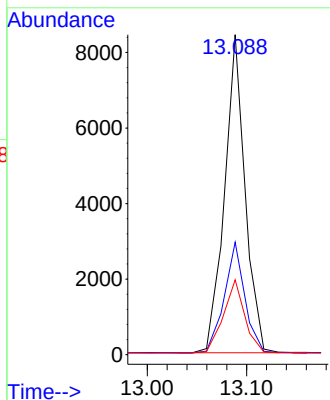
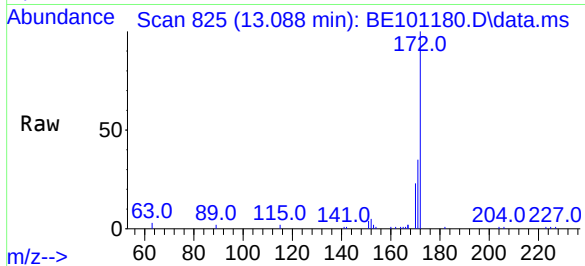


#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.088 min Scan# 825
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Instrument :
BNA_E
ClientSampleId :
FB01-20210325

Tgt Ion:172 Resp: 12078

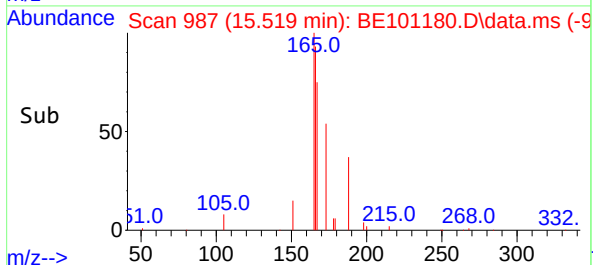
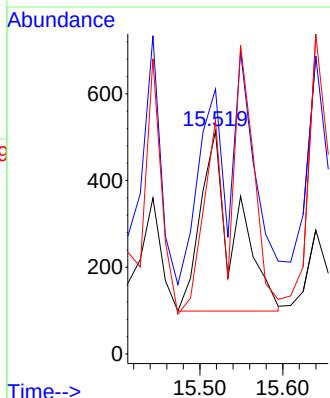
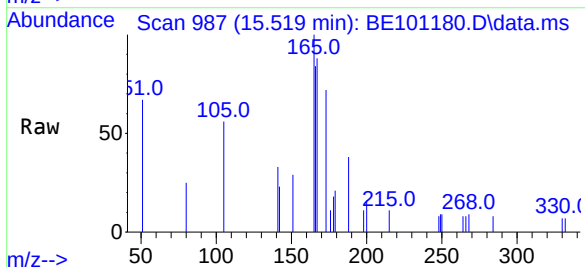
Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.4	39.6
170	23.4	17.4	26.0

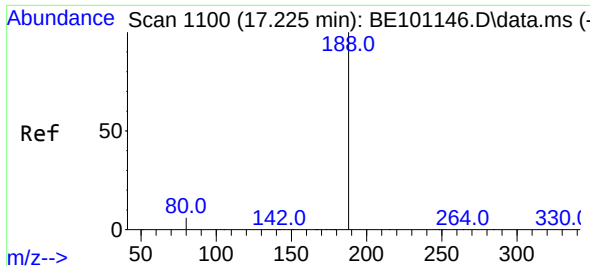


#18
Fluorene
Concen: 0.03 ng
RT: 15.519 min Scan# 987
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:166 Resp: 1199

Ion	Ratio	Lower	Upper
166	100		
165	78.2	78.9	118.3#
167	60.6	10.7	16.1#

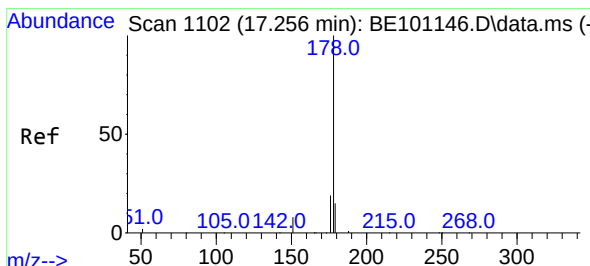
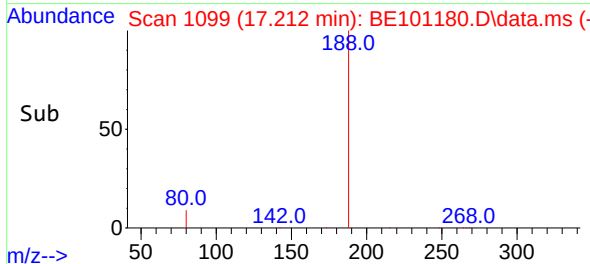
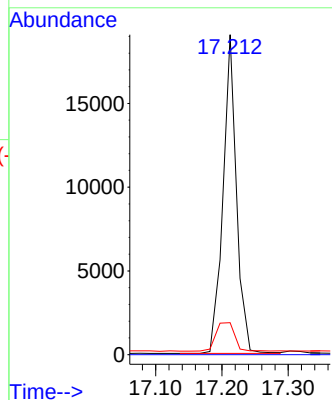
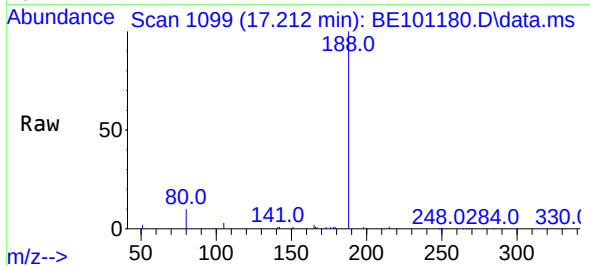




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

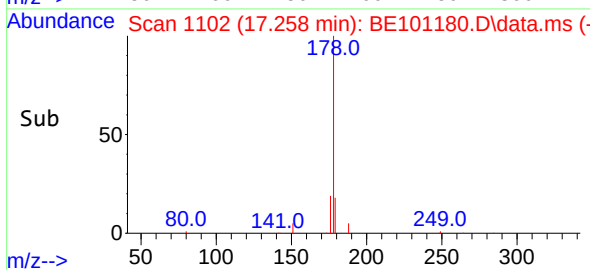
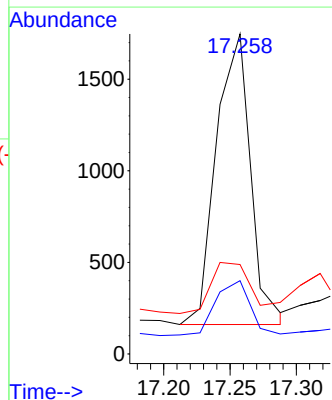
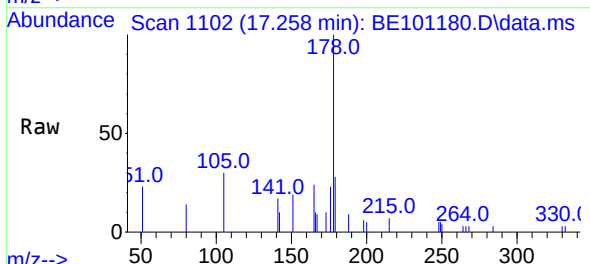
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

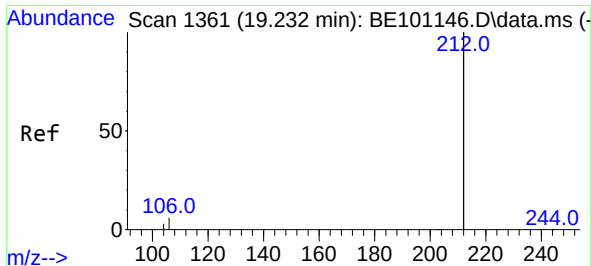
Tgt Ion:188 Resp: 26845
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 4.8 7.2#



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.258 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:178 Resp: 2848
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 21.5 12.4 18.6#

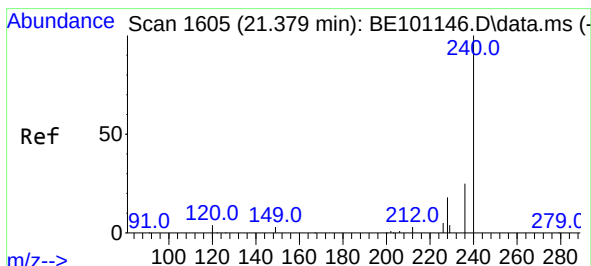
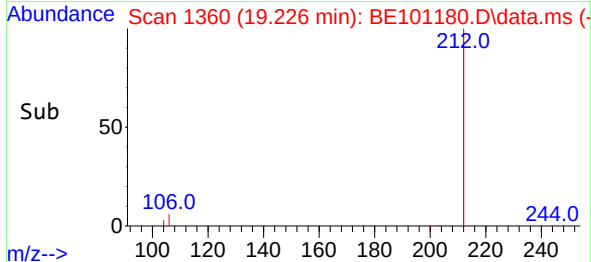
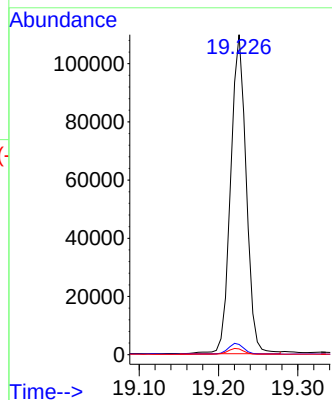
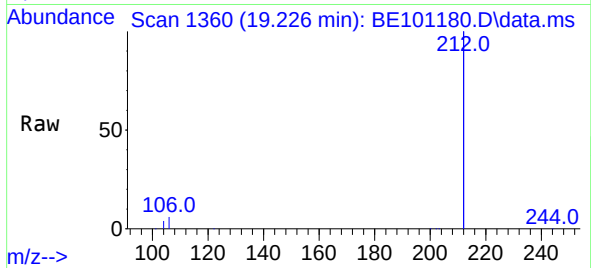




#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.226 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

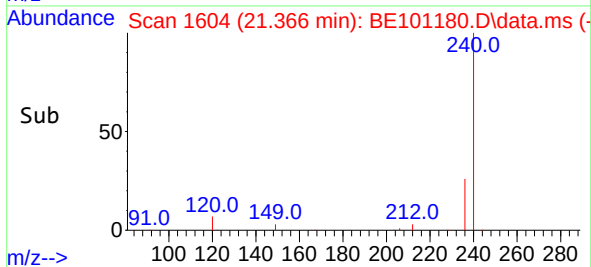
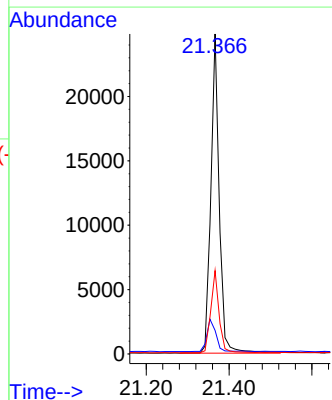
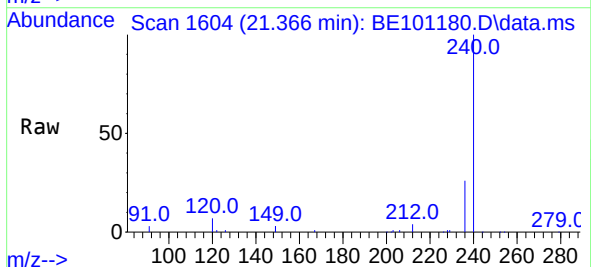
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

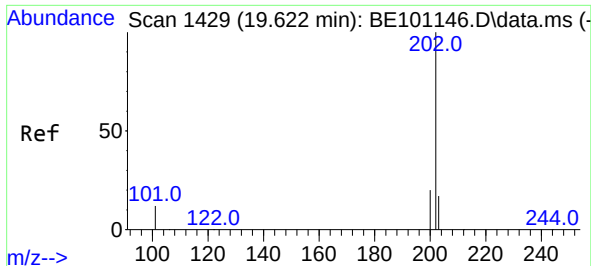
Tgt Ion:212 Resp: 149509
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 2.0 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:240 Resp: 34712
Ion Ratio Lower Upper
240 100
120 7.3 4.1 6.1#
236 26.0 20.3 30.5

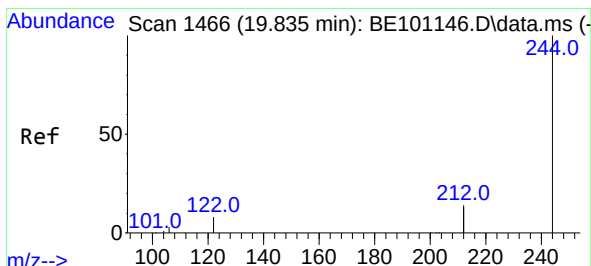
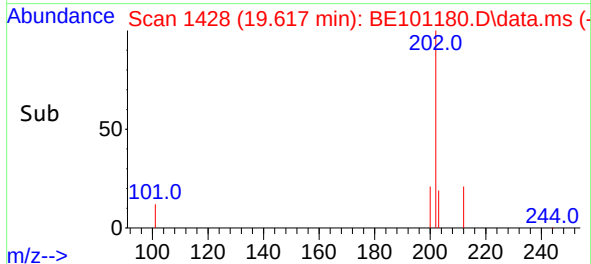
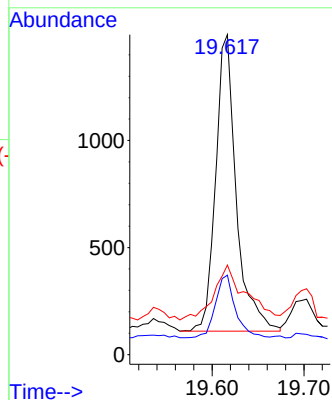
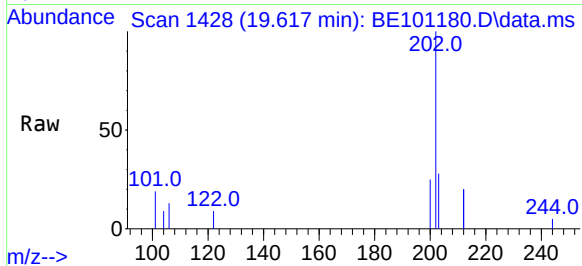




#30
Pyrene
Concen: 0.02 ng
RT: 19.617 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

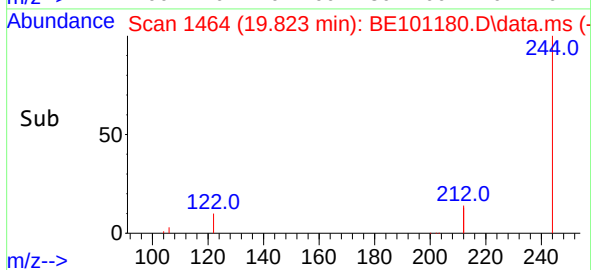
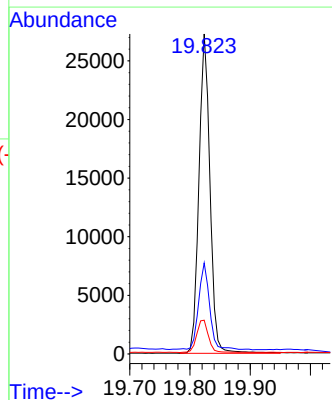
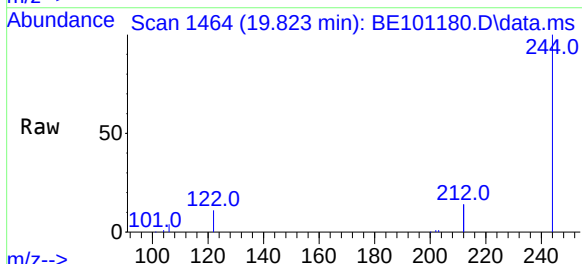
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

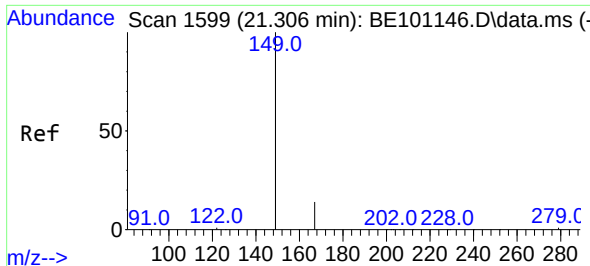
Tgt Ion:202 Resp: 2156
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 28.3 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.823 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:244 Resp: 34649
Ion Ratio Lower Upper
244 100
212 28.4 21.7 32.5
122 10.6 6.6 10.0#

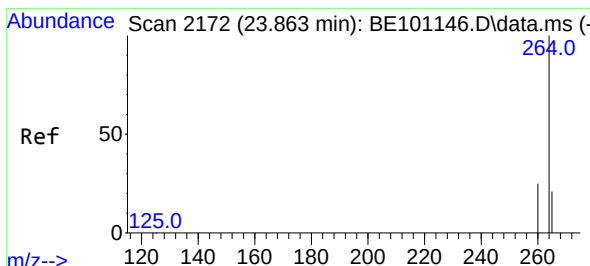
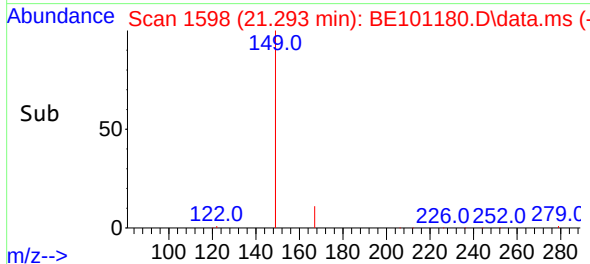
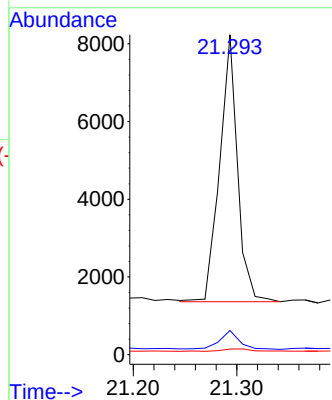
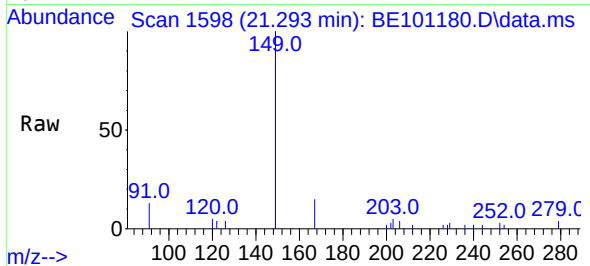




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.293 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

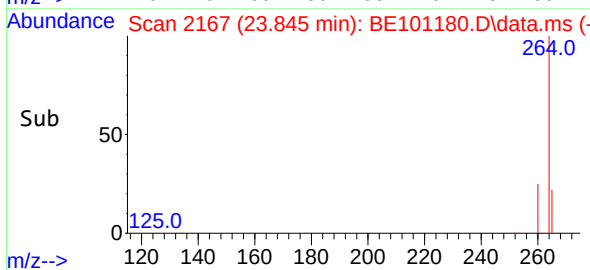
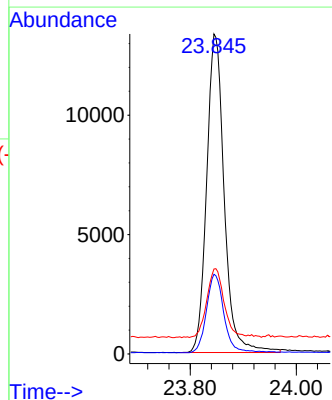
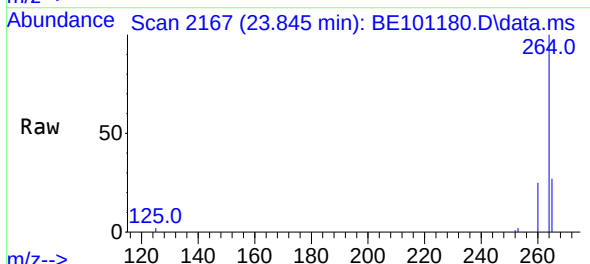
Instrument :
BNA_E
ClientSampleId :
FB01-20210325

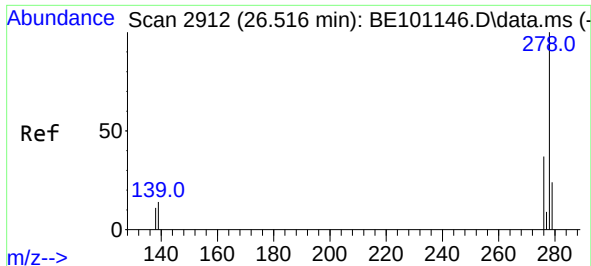
Tgt Ion:149 Resp: 8188
Ion Ratio Lower Upper
149 100
167 7.7 5.4 8.2
279 1.3 0.9 1.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.845 min Scan# 2167
Delta R.T. -0.007 min
Lab File: BE101180.D
Acq: 1 Apr 2021 16:44

Tgt Ion:264 Resp: 30613
Ion Ratio Lower Upper
264 100
260 24.9 20.5 30.7
265 26.5 20.6 30.8





#40

Dibenzo(a,h)anthracene

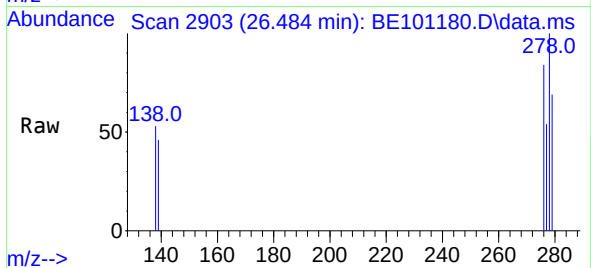
Concen: 0.11 ng

RT: 26.484 min Scan# 2903

Delta R.T. -0.015 min

Lab File: BE101180.D

Acq: 1 Apr 2021 16:44



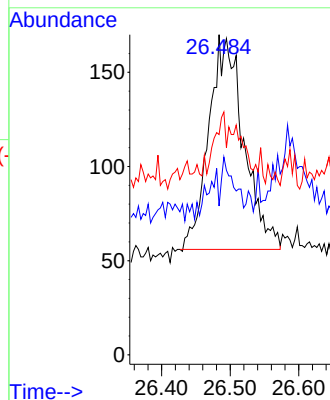
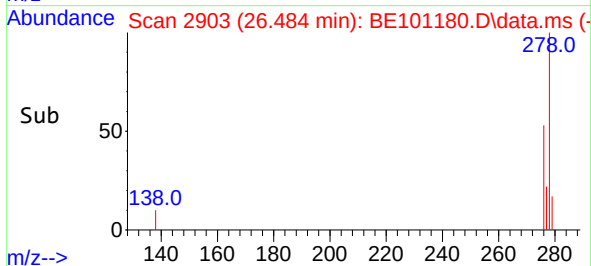
Tgt Ion:278 Resp: 401

Ion Ratio Lower Upper

278 100

139 46.5 12.0 18.0#

279 68.8 20.2 30.4#



Instrument :

BNA_E

ClientSampleId :

FB01-20210325