

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101158.D
 Acq On : 31 Mar 2021 12:38
 Operator : CG/JU
 Sample : M1867-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GWBR2-95-105-032921-FD

Quant Time: Mar 31 13:23:19 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)

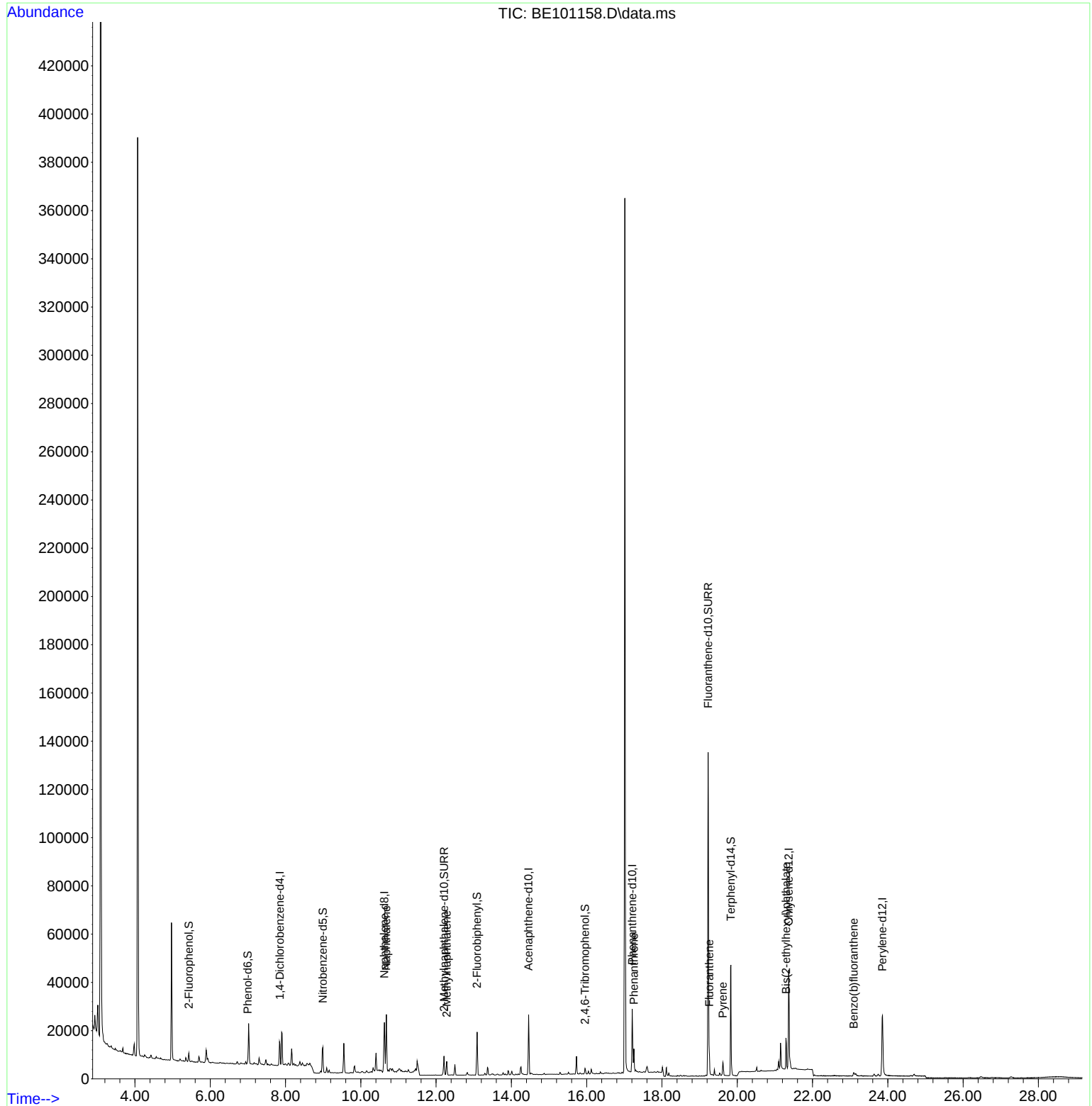
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	4707	0.40	ng	0.00
7) Naphthalene-d8	10.626	136	20747	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	13754	0.40	ng	-0.01
19) Phenanthrene-d10	17.210	188	34616	0.40	ng	#-0.02
29) Chrysene-d12	21.367	240	44003	0.40	ng	#-0.01
36) Perylene-d12	23.854	264	39522	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1673	0.15	ng	0.00
5) Phenol-d6	6.998	99	1403	0.08	ng	0.00
8) Nitrobenzene-d5	8.989	82	4175	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9590	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.955	330	1285	0.52	ng	-0.02
15) 2-Fluorobiphenyl	13.089	172	14284	0.28	ng	-0.01
27) Fluoranthene-d10	19.226	212	174392	0.40	ng	0.00
31) Terphenyl-d14	19.830	244	41851	0.42	ng	0.00
Target Compounds						
9) Naphthalene	10.678	128	37101	0.18	ng	Qvalue 99
12) 2-Methylnaphthalene	12.282	142	4024	0.11	ng	97
25) Phenanthrene	17.256	178	9780	0.10	ng	99
28) Fluoranthene	19.255	202	6856	0.06	ng	# 95
30) Pyrene	19.617	202	4981	0.04	ng	95
34) Bis(2-ethylhexyl)phtha...	21.294	149	17370	0.23	ng	98
37) Benzo(b)fluoranthene	23.092	252	2612	0.03	ng	# 68

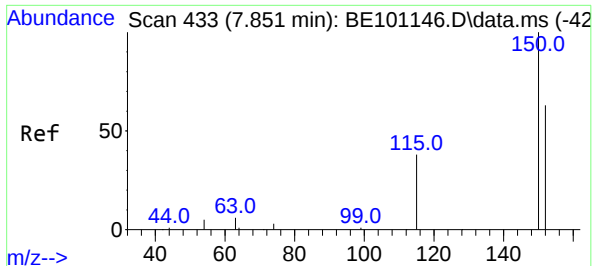
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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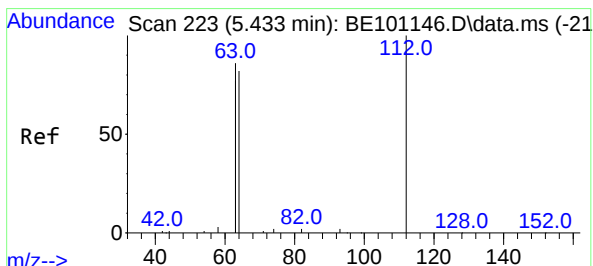
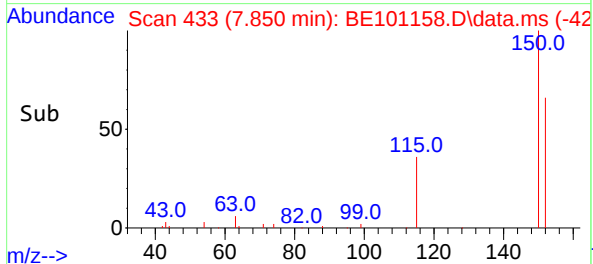
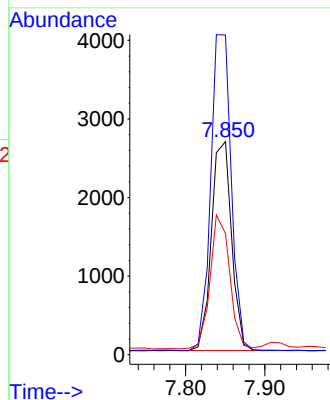
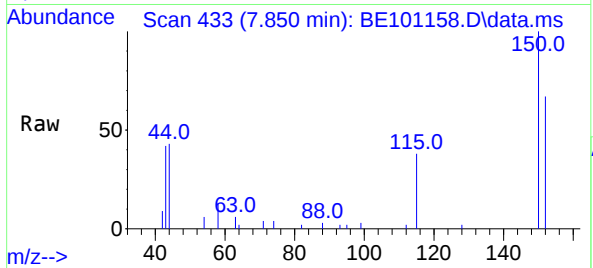




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.850 min Scan# 433
Delta R.T. -0.001 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

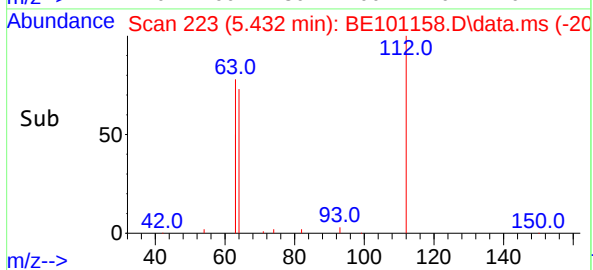
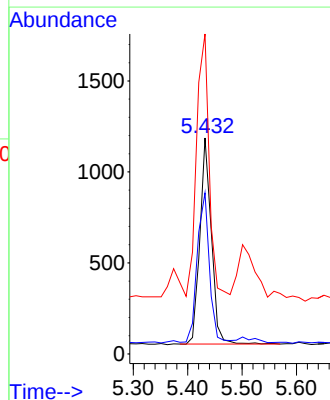
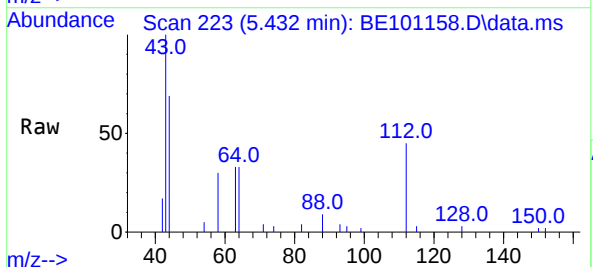
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921-FD

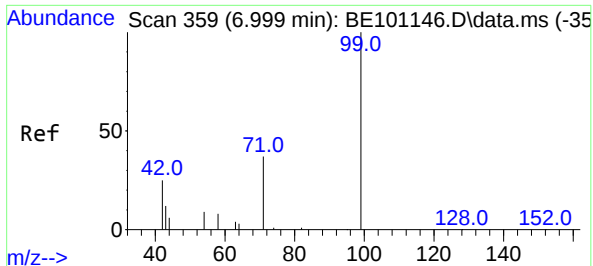
Tgt Ion:152 Resp: 4707
Ion Ratio Lower Upper
152 100
150 150.0 126.3 189.5
115 56.9 48.9 73.3



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:112 Resp: 1673
Ion Ratio Lower Upper
112 100
64 78.1 60.8 91.2
63 140.9 119.4 179.0

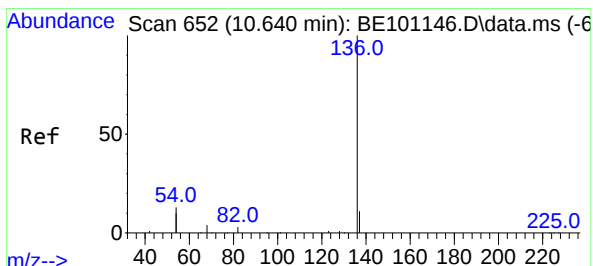
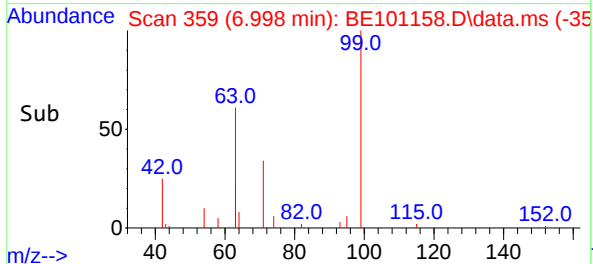
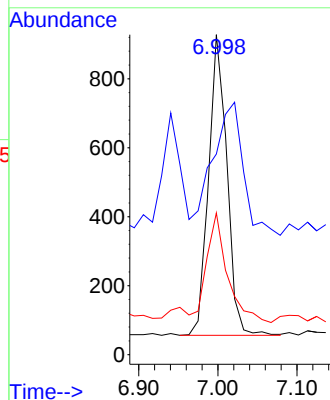
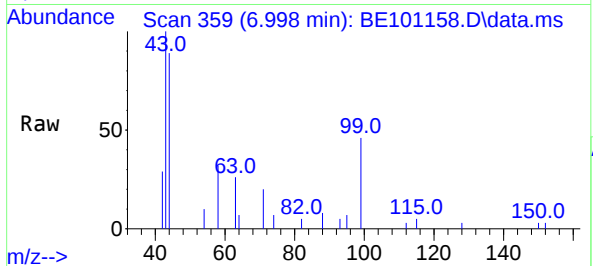




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

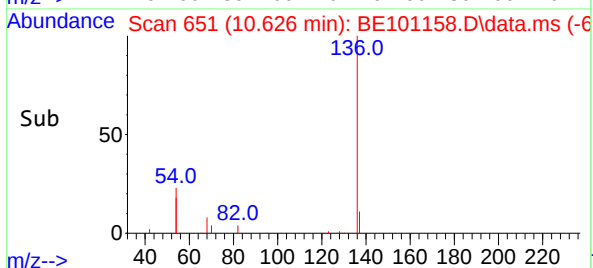
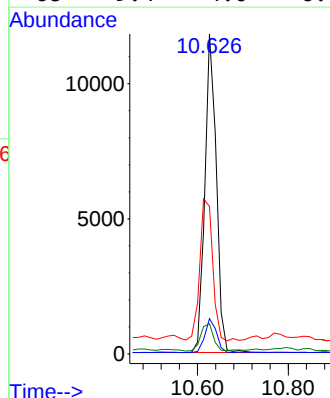
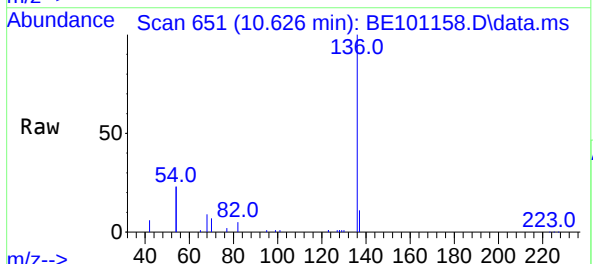
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921-FD

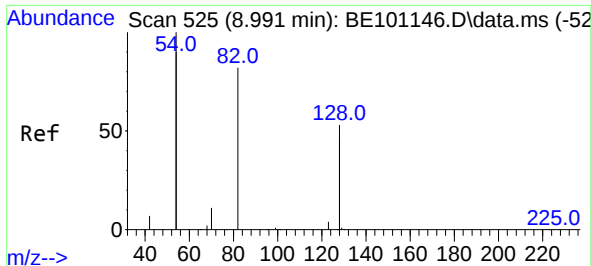
Tgt Ion: 99 Resp: 1403
Ion Ratio Lower Upper
99 100
42 0.0 18.8 28.2#
71 47.1 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.626 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion: 136 Resp: 20747
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 46.1 20.2 30.4#
68 9.4 4.0 6.0#

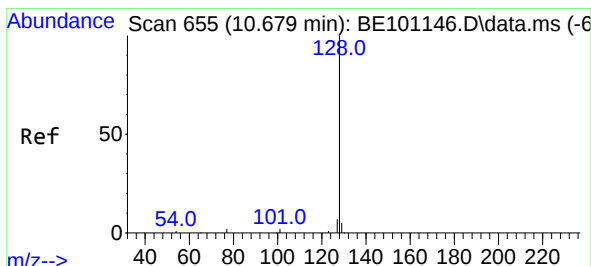
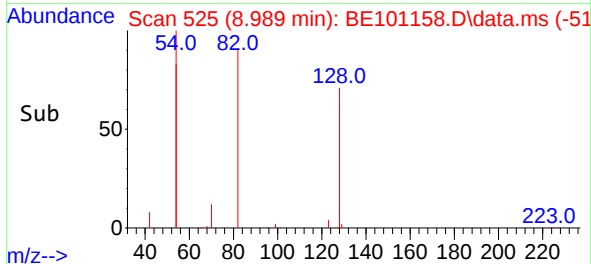
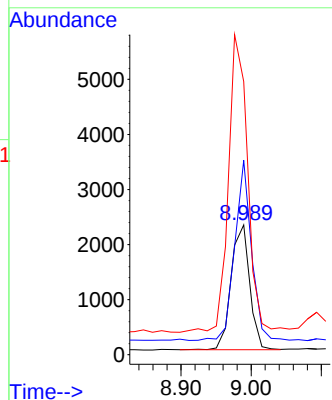
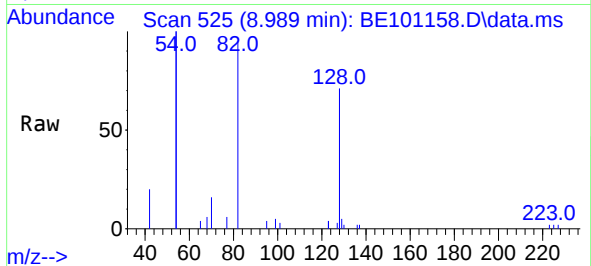




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.989 min Scan# 525
Delta R.T. -0.001 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

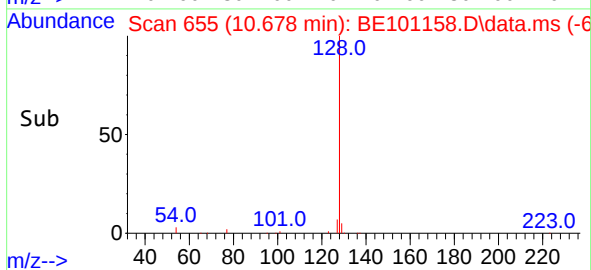
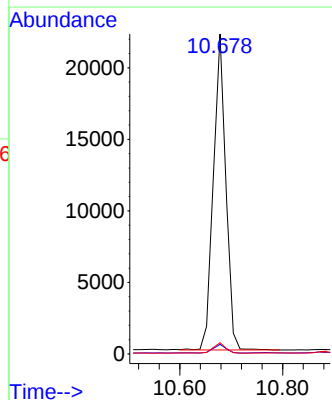
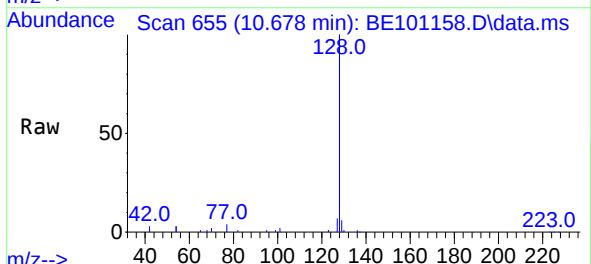
Instrument :
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ClientSampleId :
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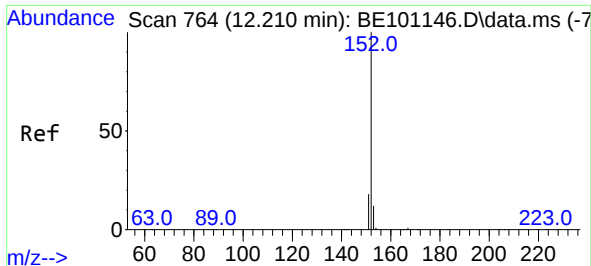
Tgt Ion: 82 Resp: 4175
Ion Ratio Lower Upper
82 100
128 149.8 101.5 152.3
54 210.4 189.8 284.6



#9
Naphthalene
Concen: 0.18 ng
RT: 10.678 min Scan# 655
Delta R.T. -0.001 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion: 128 Resp: 37101
Ion Ratio Lower Upper
128 100
129 3.0 2.2 3.2
127 3.5 2.7 4.1

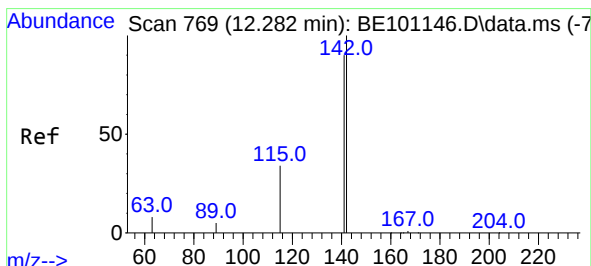
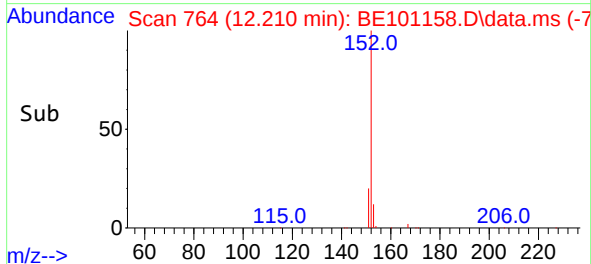
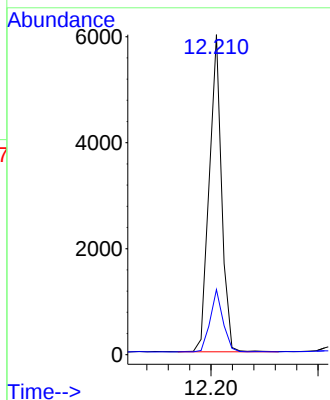
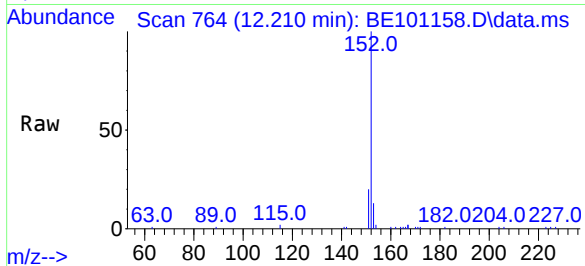




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

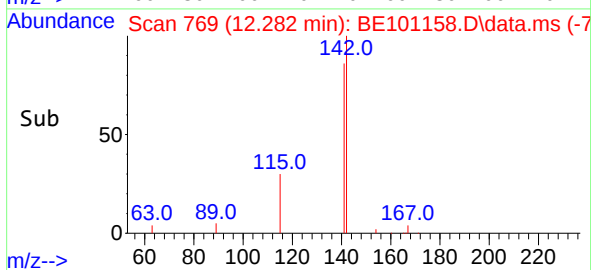
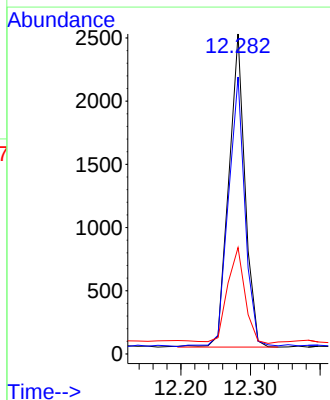
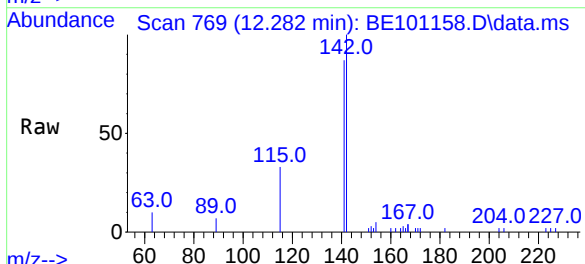
Instrument :
BNA_E
ClientSampleId :
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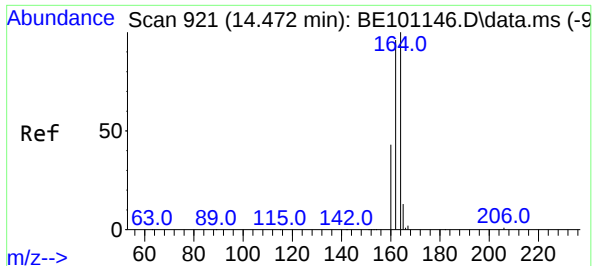
Tgt Ion:152 Resp: 9590
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8



#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.282 min Scan# 769
Delta R.T. 0.000 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:142 Resp: 4024
Ion Ratio Lower Upper
142 100
141 86.6 71.8 107.6
115 33.3 27.8 41.6



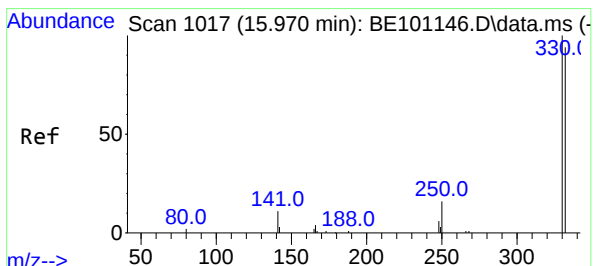
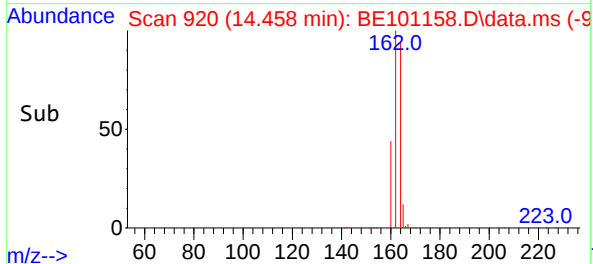
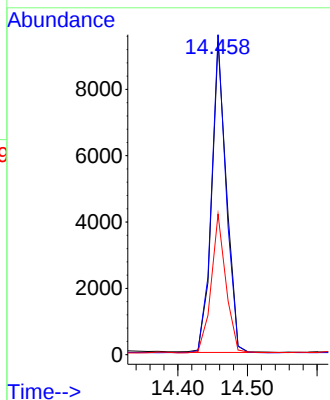
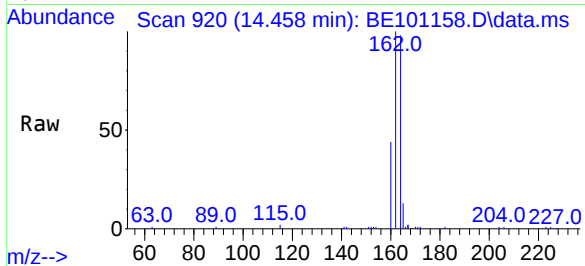


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921-FD

Tgt Ion:164 Resp: 13754

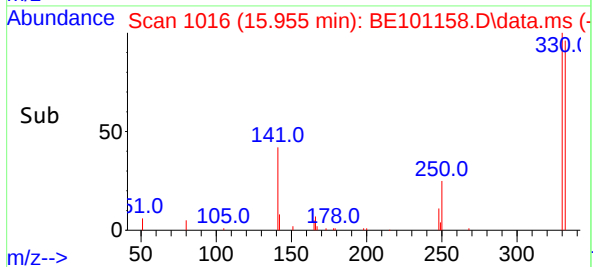
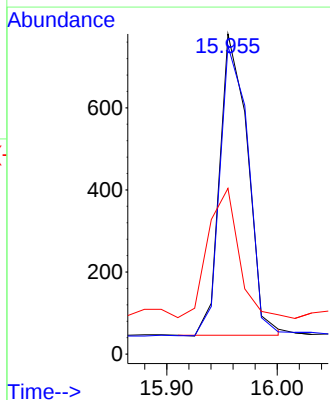
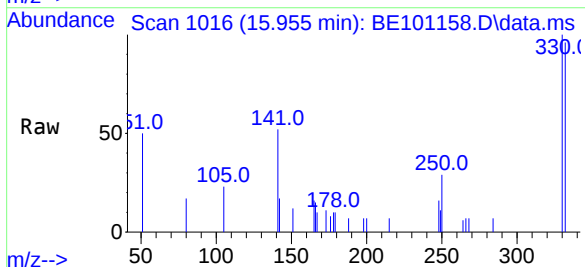
Ion	Ratio	Lower	Upper
164	100		
162	102.2	76.6	115.0
160	44.9	34.5	51.7

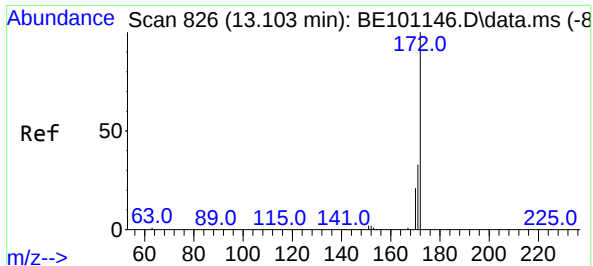


#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.955 min Scan# 1016
Delta R.T. -0.015 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:330 Resp: 1285

Ion	Ratio	Lower	Upper
330	100		
332	98.8	69.1	103.7
141	47.2	30.6	45.8

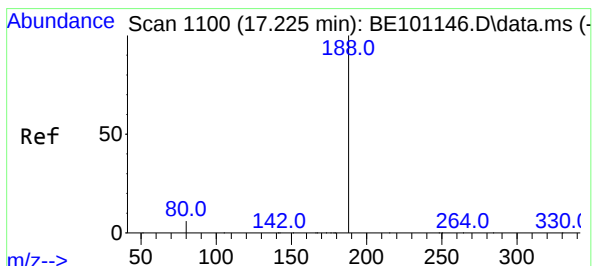
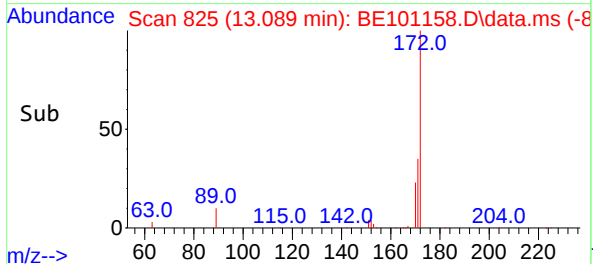
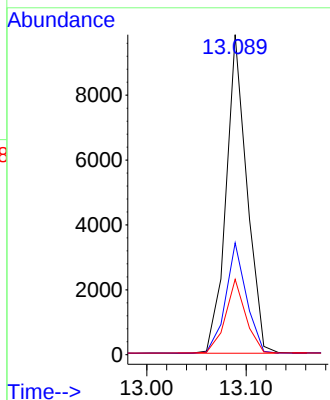
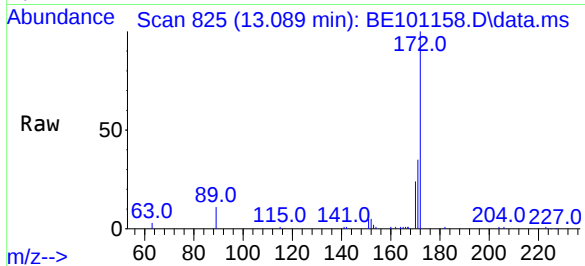




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

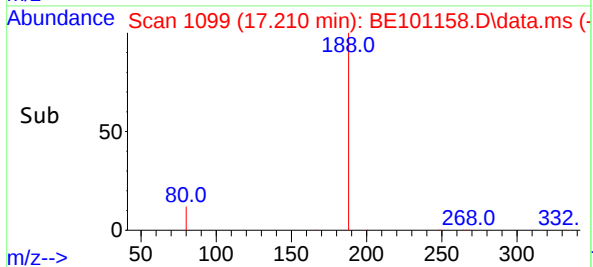
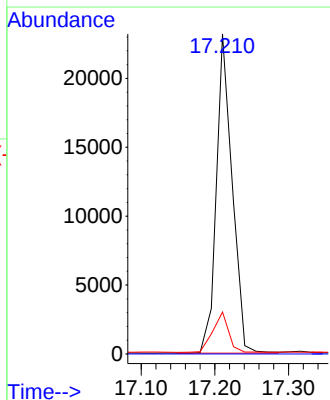
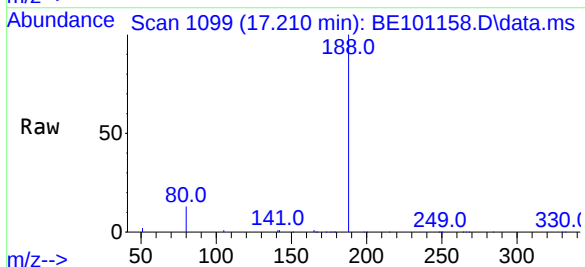
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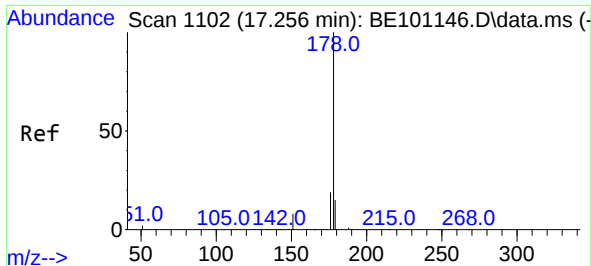
Tgt Ion:172	Resp:	14284
Ion Ratio	Lower	Upper
172	100	
171	35.0	26.4 39.6
170	23.5	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.210 min Scan# 1099
Delta R.T. -0.015 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:188	Resp:	34616
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.1	4.8 7.2#

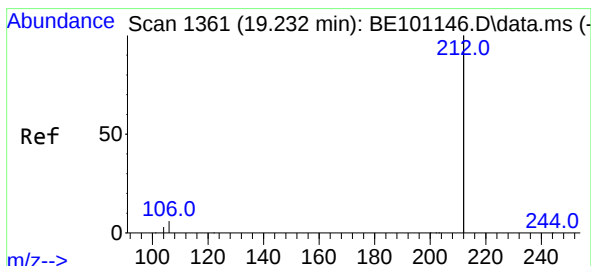
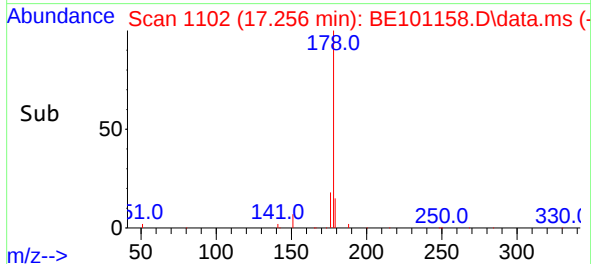
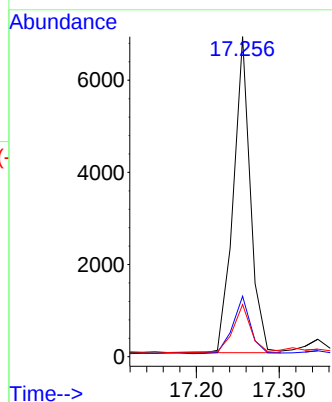
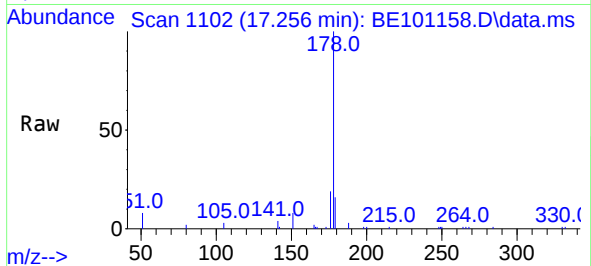




#25
Phenanthrene
Concen: 0.10 ng
RT: 17.256 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

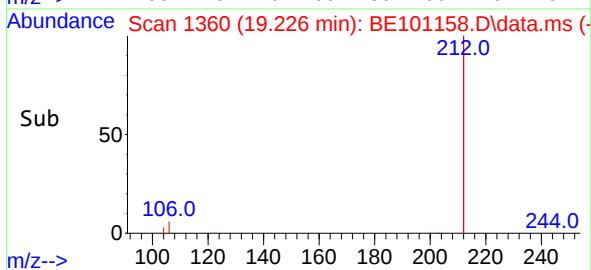
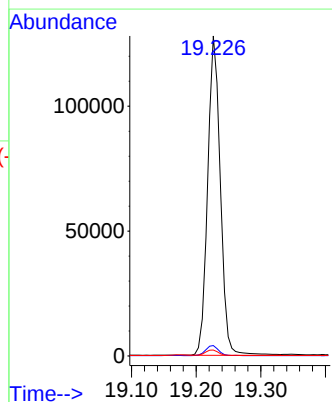
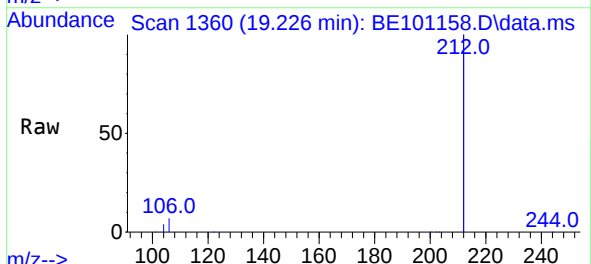
Instrument :
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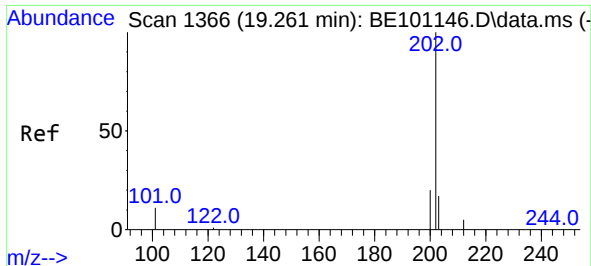
Tgt Ion:178 Resp: 9780
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.8 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:212 Resp: 174392
Ion Ratio Lower Upper
212 100
106 3.2 2.6 3.8
104 1.8 1.4 2.2

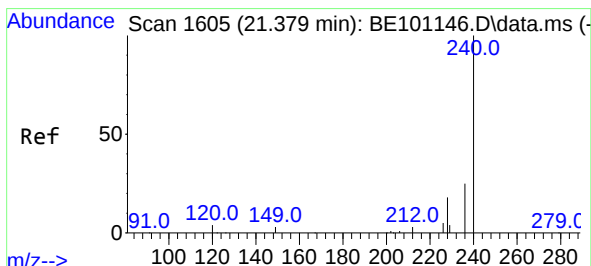
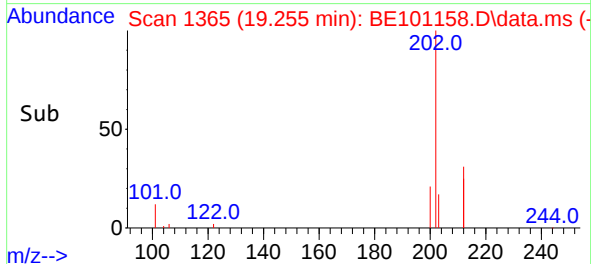
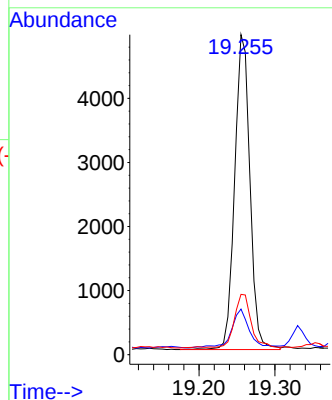
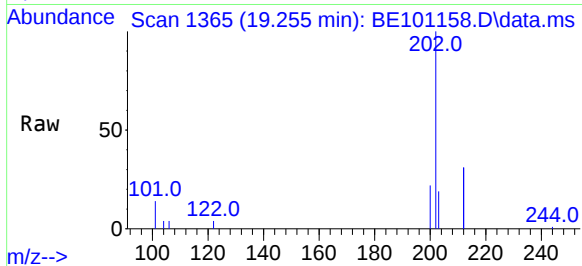




#28
Fluoranthene
Concen: 0.06 ng
RT: 19.255 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

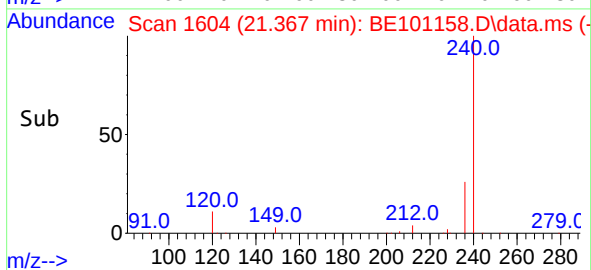
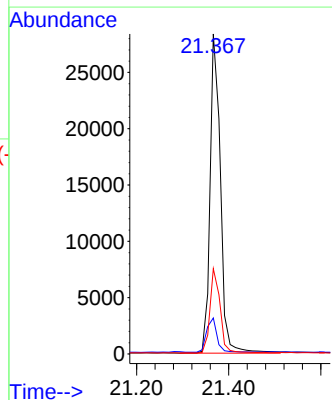
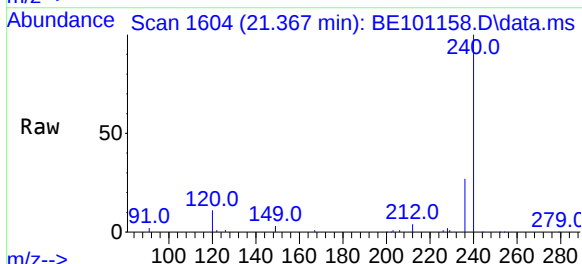
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921-FD

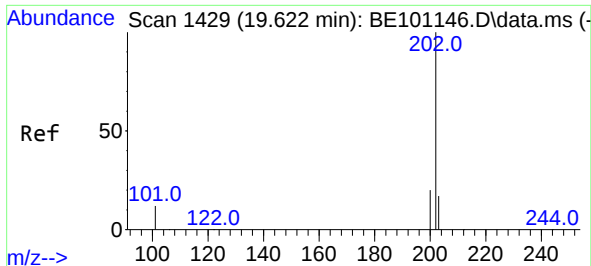
Tgt Ion:202 Resp: 6856
Ion Ratio Lower Upper
202 100
101 14.0 8.9 13.3#
203 18.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.367 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:240 Resp: 44003
Ion Ratio Lower Upper
240 100
120 11.3 4.1 6.1#
236 26.6 20.3 30.5

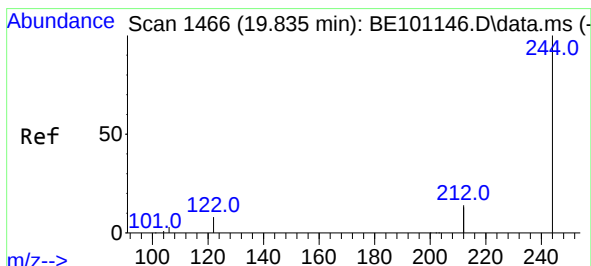
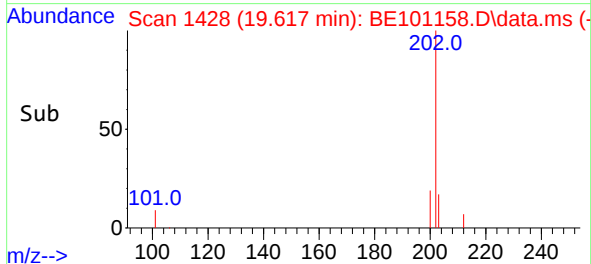
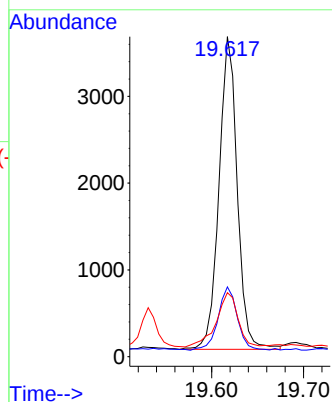
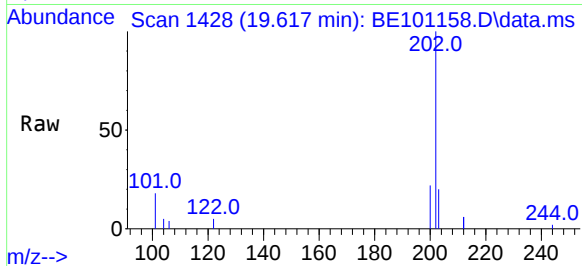




#30
 Pyrene
 Concen: 0.04 ng
 RT: 19.617 min Scan# 1428
 Delta R.T. -0.005 min
 Lab File: BE101158.D
 Acq: 31 Mar 2021 12:38

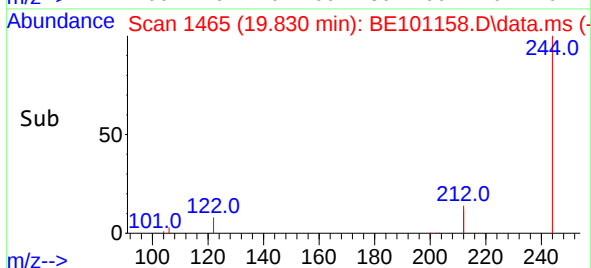
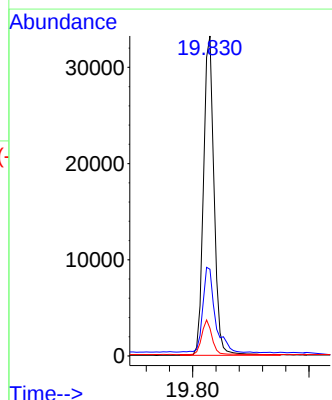
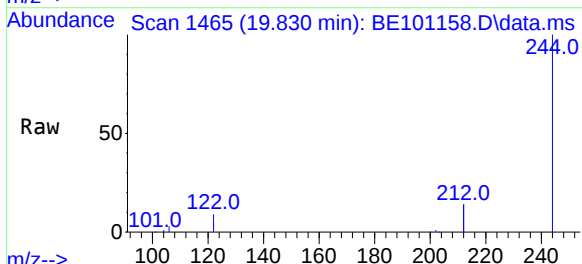
Instrument :
 BNA_E
 ClientSampleId :
 GWBR2-95-105-032921-FD

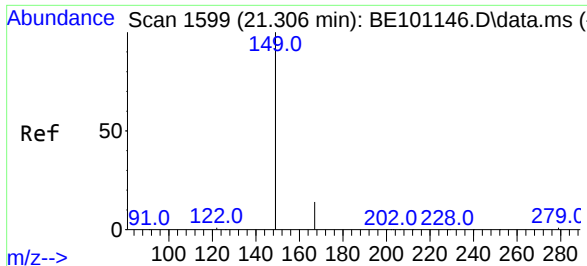
Tgt Ion:202	Resp:	4981
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.2 24.2
203	20.5	13.9 20.9



#31
 Terphenyl-d14
 Concen: 0.42 ng
 RT: 19.830 min Scan# 1465
 Delta R.T. -0.005 min
 Lab File: BE101158.D
 Acq: 31 Mar 2021 12:38

Tgt Ion:244	Resp:	41851
Ion Ratio	Lower	Upper
244	100	
212	27.1	21.7 32.5
122	8.6	6.6 10.0

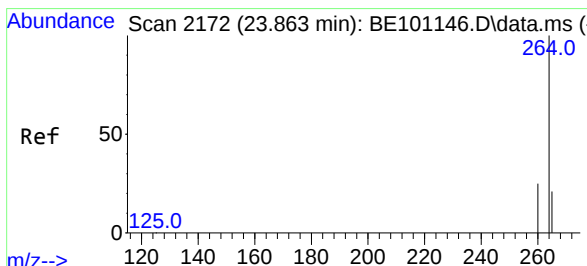
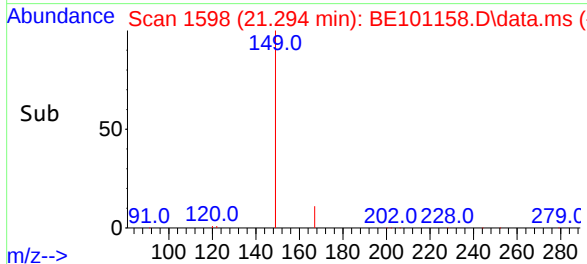
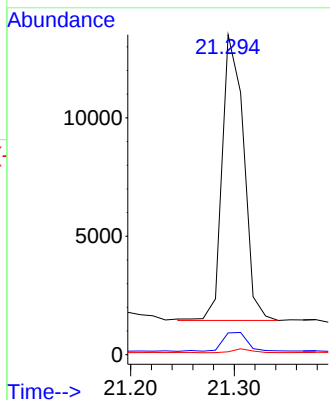
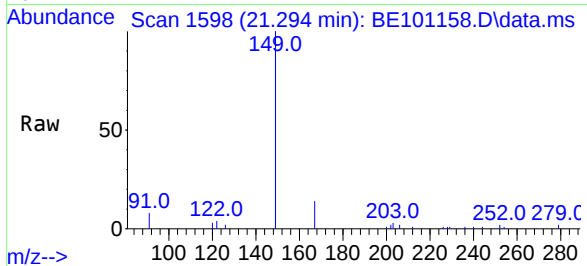




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.294 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

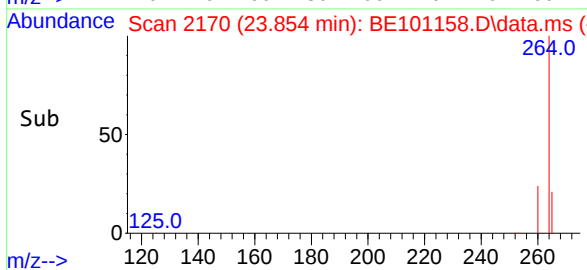
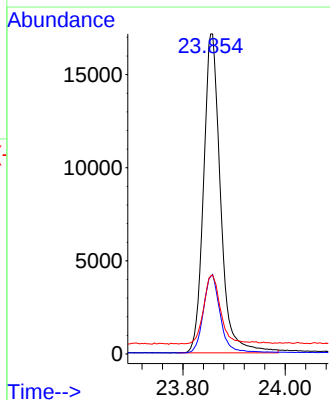
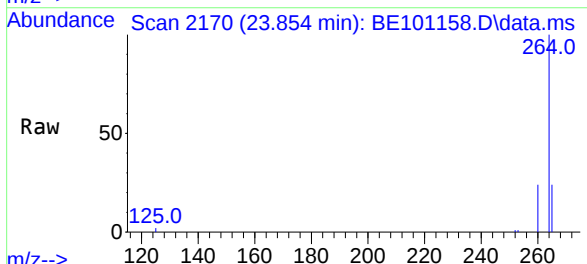
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921-FD

Tgt Ion:149 Resp: 17370
Ion Ratio Lower Upper
149 100
167 7.7 5.4 8.2
279 1.3 0.9 1.3

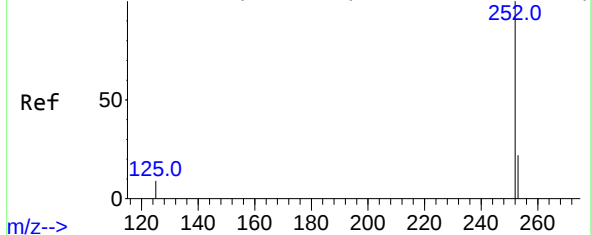


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.854 min Scan# 2170
Delta R.T. -0.009 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:264 Resp: 39522
Ion Ratio Lower Upper
264 100
260 24.2 20.5 30.7
265 24.3 20.6 30.8



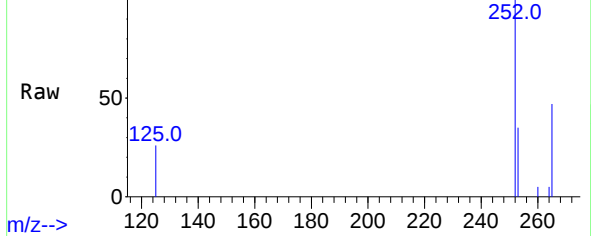
Abundance Scan 1958 (23.100 min): BE101146.D\data.ms (-



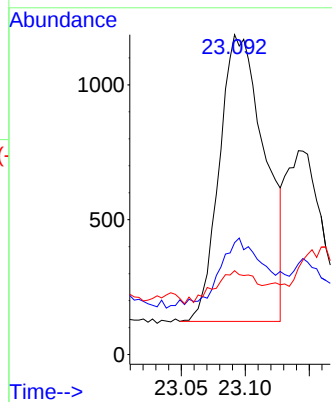
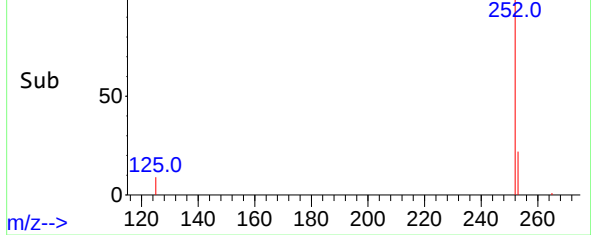
#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.092 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BE101158.D
Acq: 31 Mar 2021 12:38

Tgt Ion:252 Resp: 2612
Ion Ratio Lower Upper
252 100
253 35.0 17.8 26.8#
125 26.2 7.5 11.3#

Abundance Scan 1956 (23.092 min): BE101158.D\data.ms



Abundance Scan 1956 (23.092 min): BE101158.D\data.ms (-



Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921-FD