

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101156.D
 Acq On : 31 Mar 2021 11:26
 Operator : CG/JU
 Sample : M1867-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 31 12:10:58 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)

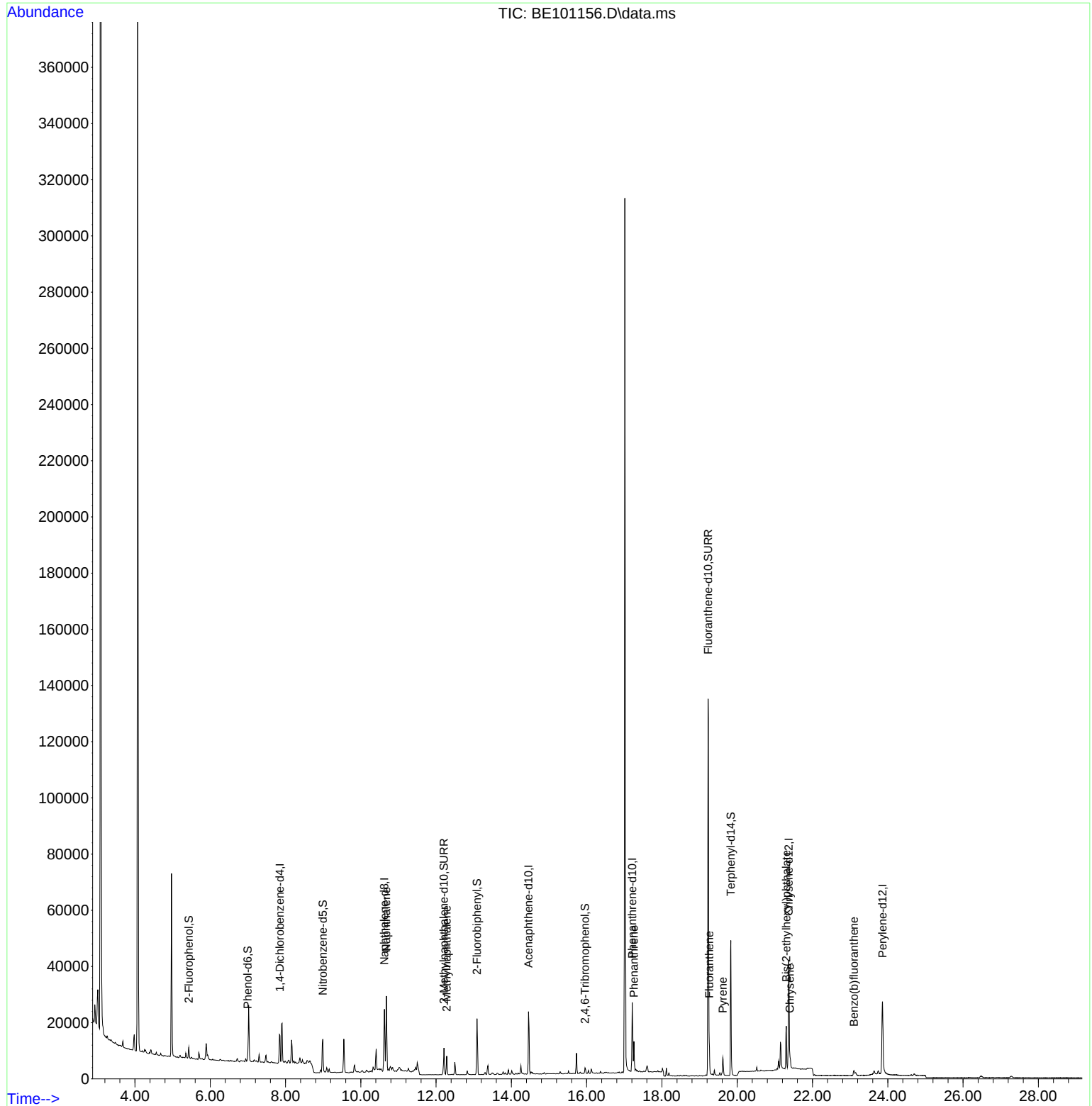
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4992	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	21859	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	13943	0.40	ng	-0.02
19) Phenanthrene-d10	17.211	188	35128	0.40	ng	#-0.01
29) Chrysene-d12	21.365	240	44112	0.40	ng	#-0.01
36) Perylene-d12	23.858	264	41385	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1936	0.16	ng	0.00
5) Phenol-d6	6.998	99	1696	0.09	ng	0.00
8) Nitrobenzene-d5	8.990	82	4589	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	11414	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1223	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	16729	0.32	ng	-0.02
27) Fluoranthene-d10	19.227	212	179553	0.40	ng	0.00
31) Terphenyl-d14	19.830	244	43324	0.43	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.679	128	41887	0.19	ng	100
12) 2-Methylnaphthalene	12.281	142	4366	0.11	ng	98
25) Phenanthrene	17.257	178	10840	0.11	ng	100
28) Fluoranthene	19.256	202	8364	0.07	ng	# 96
30) Pyrene	19.618	202	5914	0.05	ng	95
33) Chrysene	21.402	228	3252	0.02	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.305	149	20630	0.28	ng	100
37) Benzo(b)fluoranthene	23.099	252	3325	0.03	ng	# 78

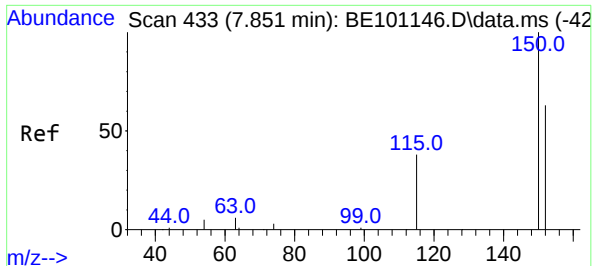
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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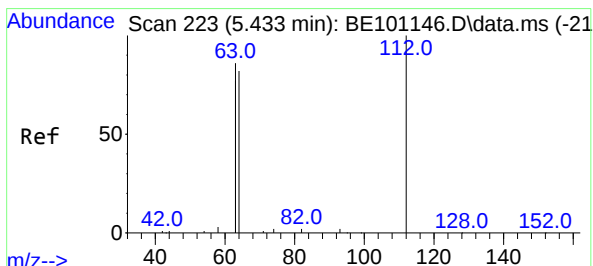
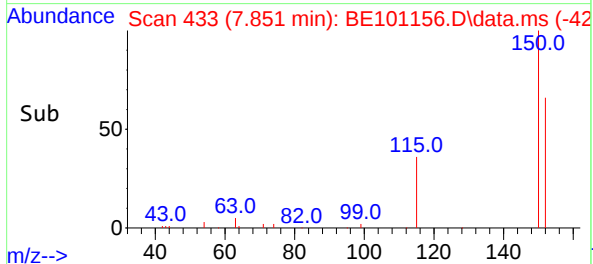
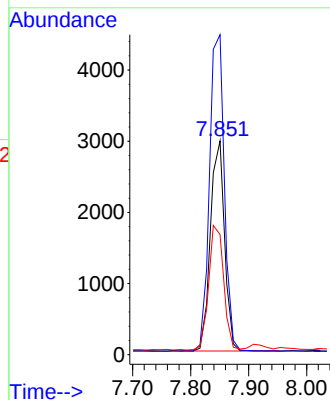
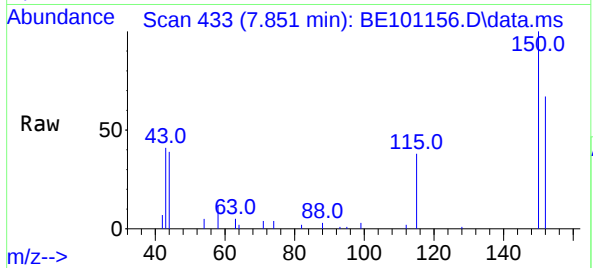




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.851 min Scan# 433
Delta R.T. -0.000 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

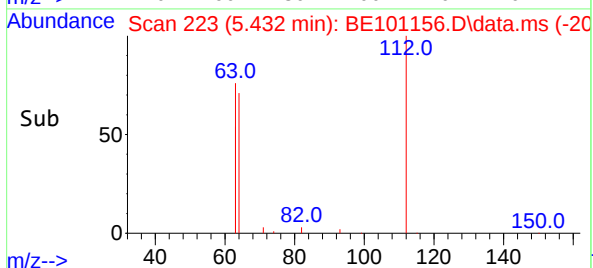
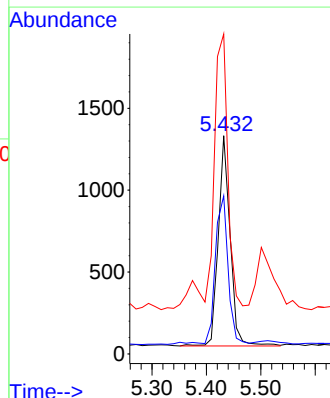
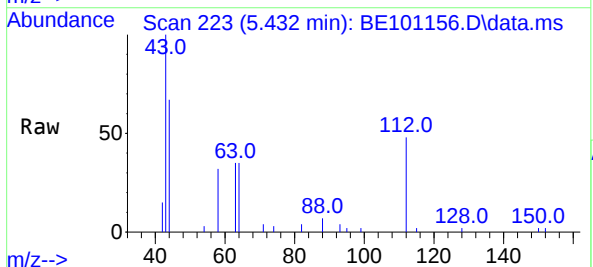
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921

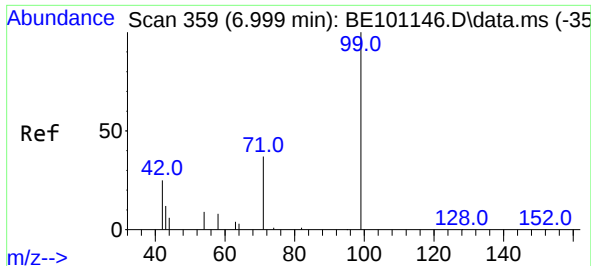
Tgt Ion:152 Resp: 4992
Ion Ratio Lower Upper
152 100
150 149.7 126.3 189.5
115 56.2 48.9 73.3



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:112 Resp: 1936
Ion Ratio Lower Upper
112 100
64 73.6 60.8 91.2
63 146.1 119.4 179.0

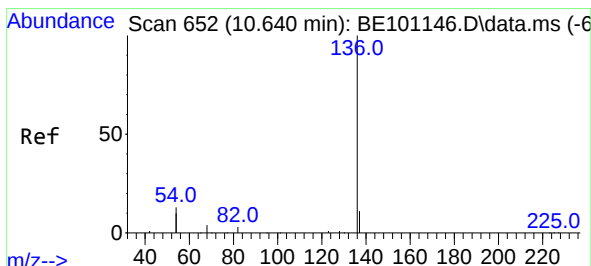
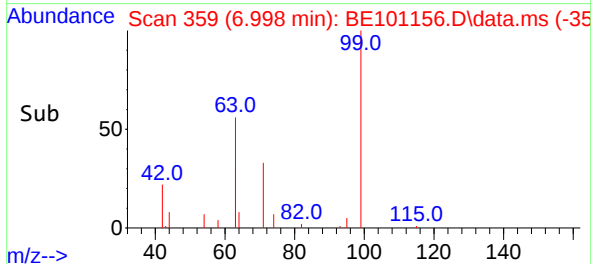
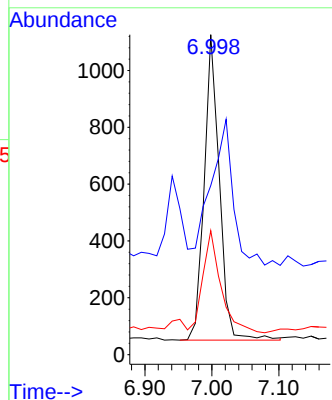
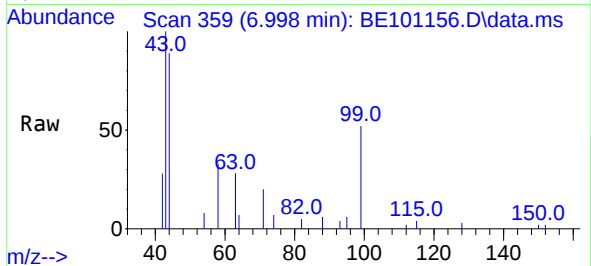




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

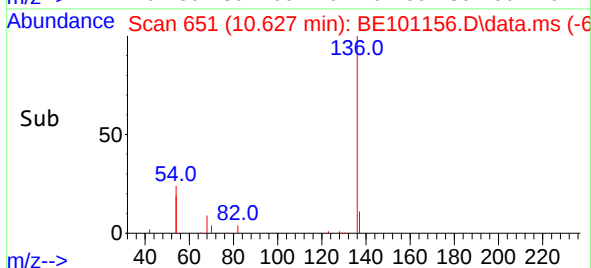
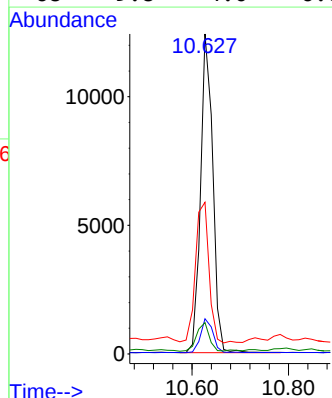
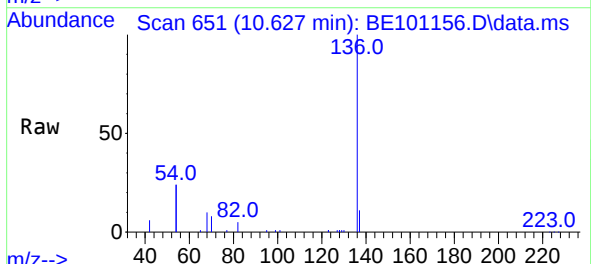
Instrument :
BNA_E
ClientSampleId :
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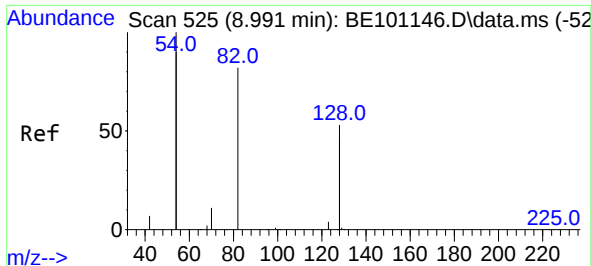
Tgt Ion: 99 Resp: 1696
Ion Ratio Lower Upper
99 100
42 0.0 18.8 28.2#
71 43.8 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion: 136 Resp: 21859
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 47.4 20.2 30.4#
68 9.8 4.0 6.0#

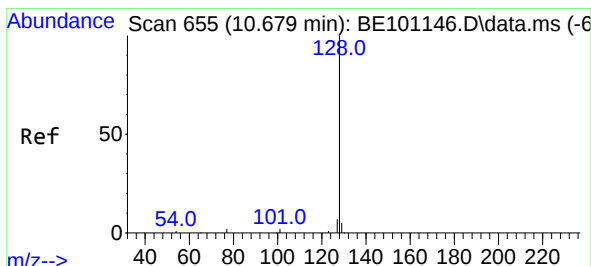
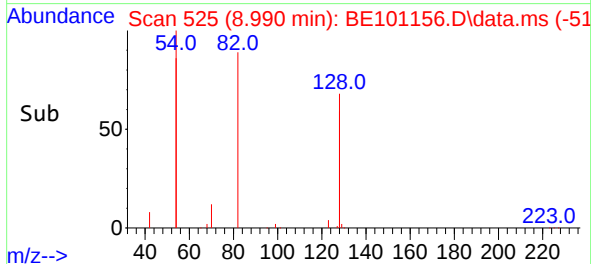
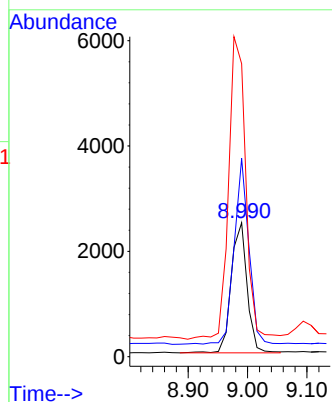
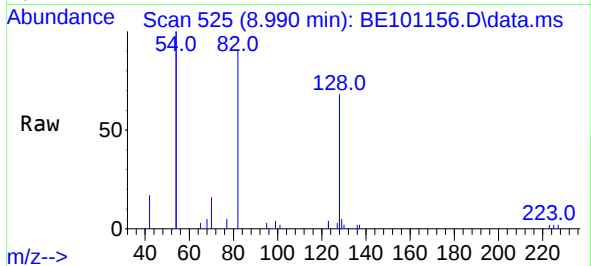




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.990 min Scan# 525
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

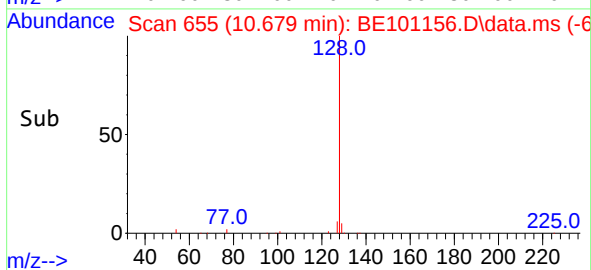
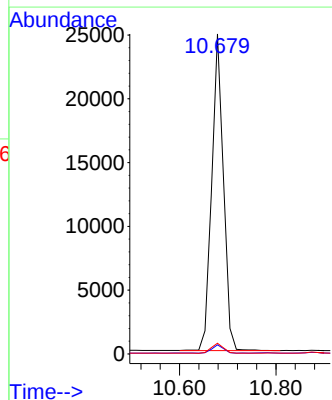
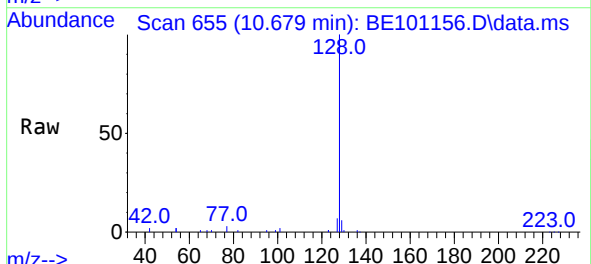
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921

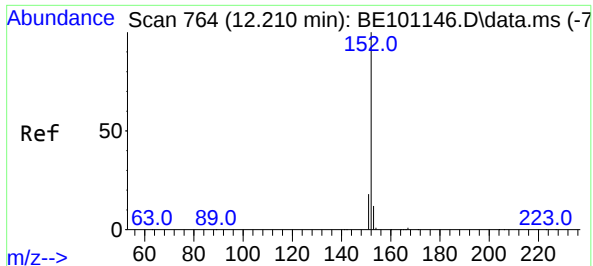
Tgt Ion: 82 Resp: 4589
Ion Ratio Lower Upper
82 100
128 148.2 101.5 152.3
54 218.8 189.8 284.6



#9
Naphthalene
Concen: 0.19 ng
RT: 10.679 min Scan# 655
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion: 128 Resp: 41887
Ion Ratio Lower Upper
128 100
129 2.9 2.2 3.2
127 3.4 2.7 4.1

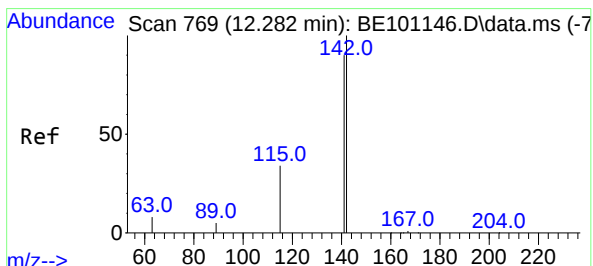
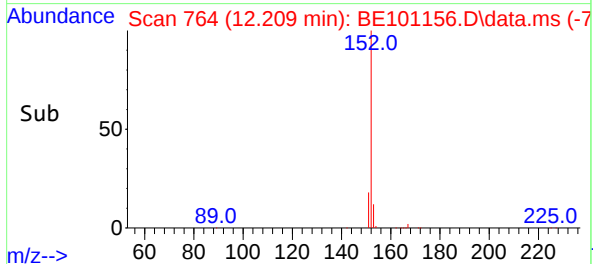
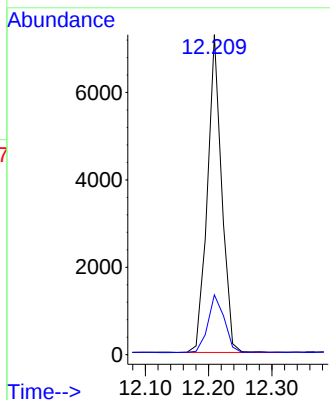
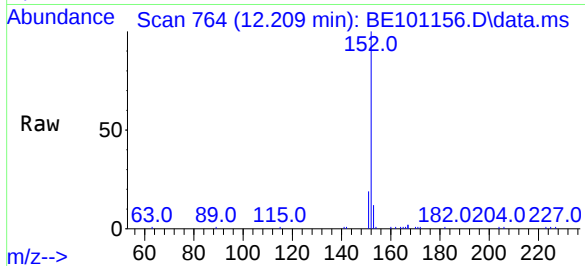




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

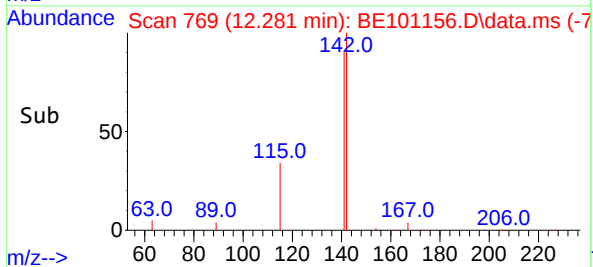
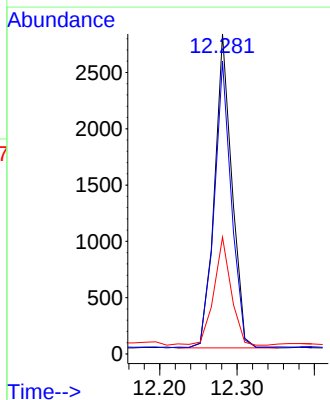
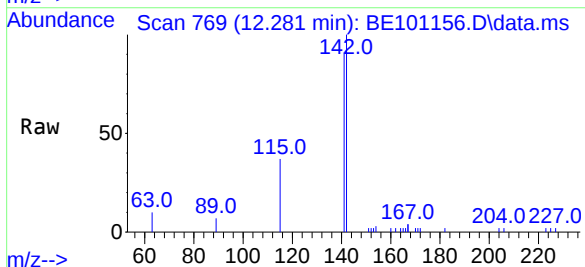
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921

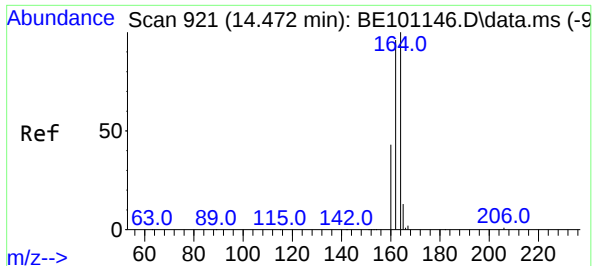
Tgt Ion:152 Resp: 11414
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8



#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.281 min Scan# 769
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:142 Resp: 4366
Ion Ratio Lower Upper
142 100
141 91.4 71.8 107.6
115 36.5 27.8 41.6



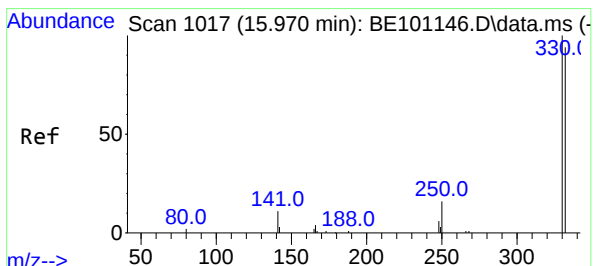
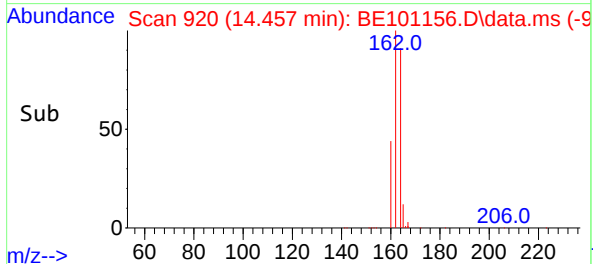
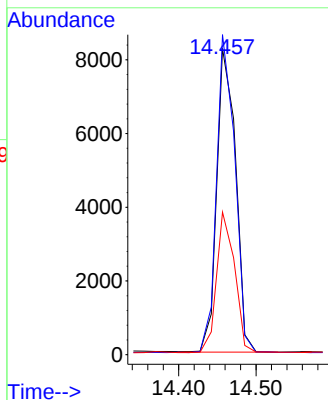
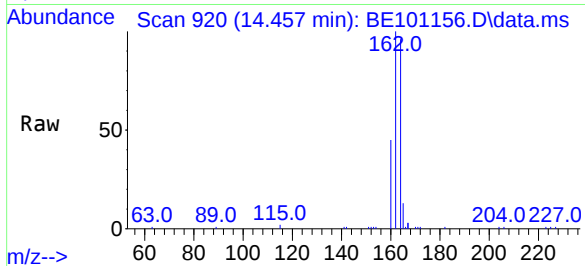


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.015 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

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

Tgt Ion:164 Resp: 13943

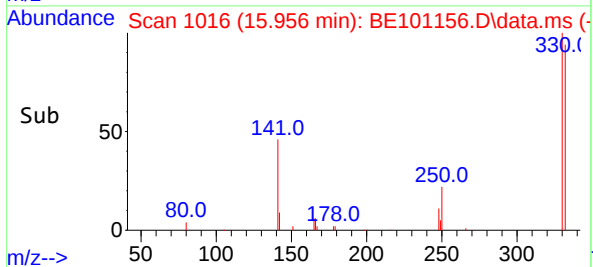
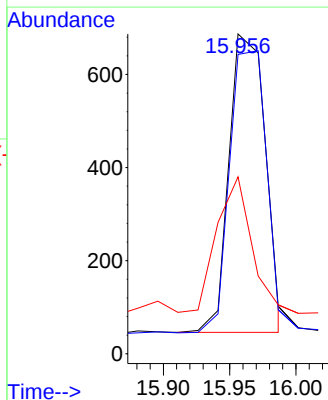
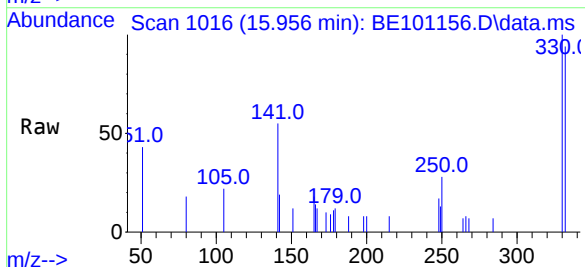
Ion	Ratio	Lower	Upper
164	100		
162	104.6	76.6	115.0
160	46.6	34.5	51.7

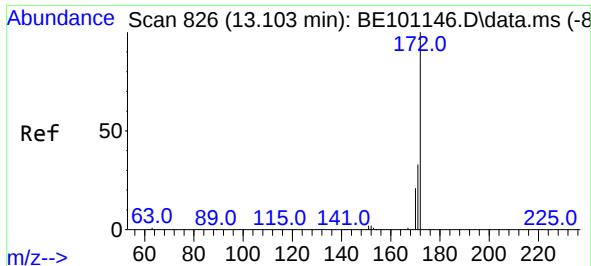


#14
2,4,6-Tribromophenol
Concen: 0.49 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:330 Resp: 1223

Ion	Ratio	Lower	Upper
330	100		
332	96.2	69.1	103.7
141	40.3	30.6	45.8

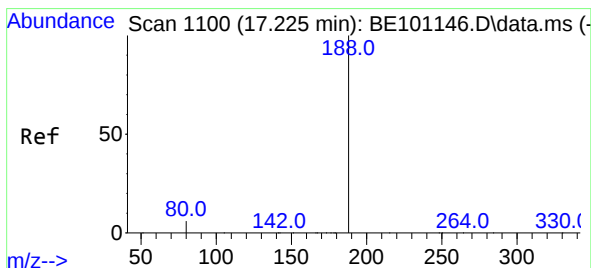
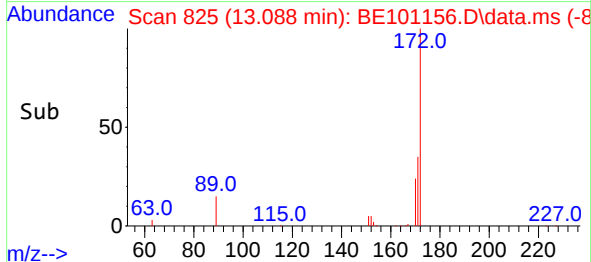
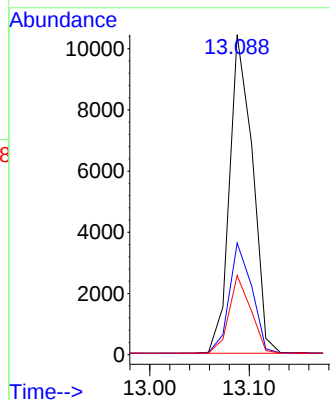
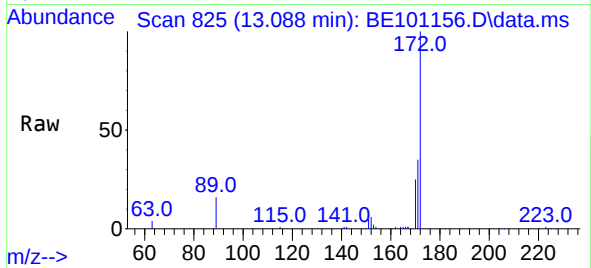




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

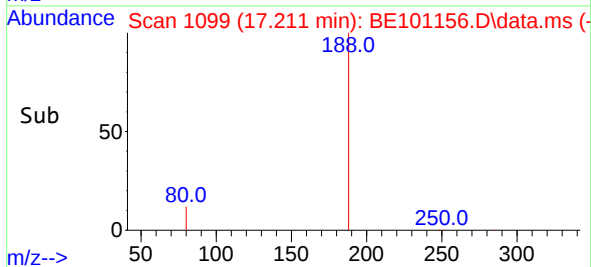
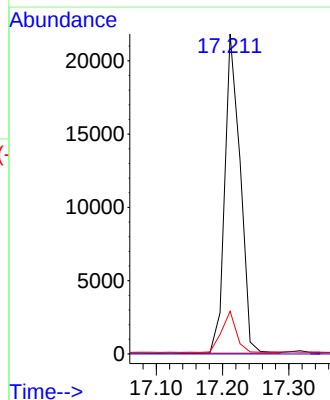
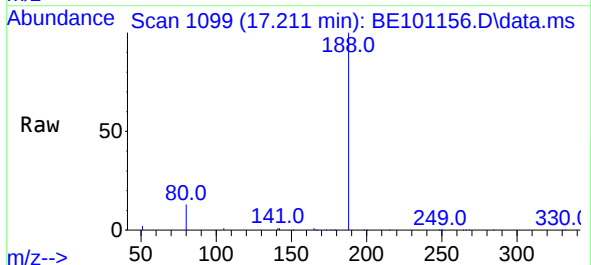
Instrument :
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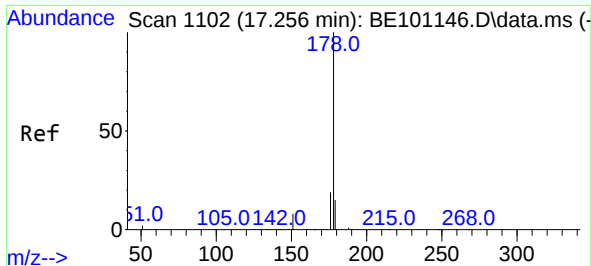
Tgt Ion:172	Resp:	16729
Ion Ratio	Lower	Upper
172	100	
171	34.9	26.4 39.6
170	24.7	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:188	Resp:	35128
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.4	4.8 7.2#

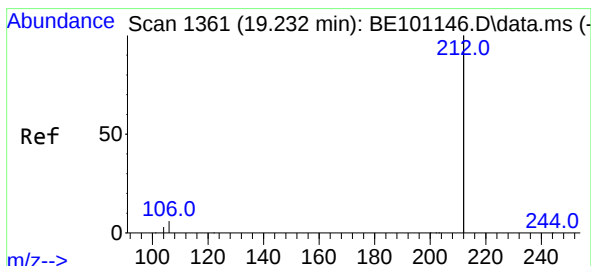
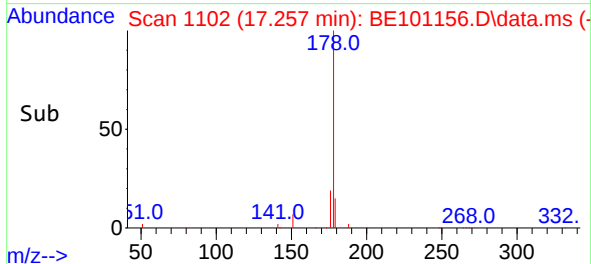
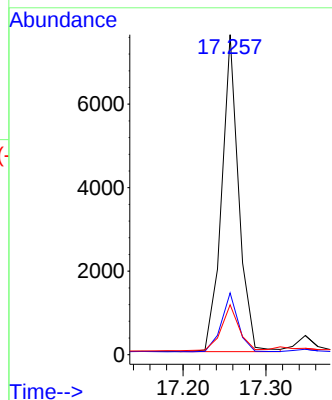
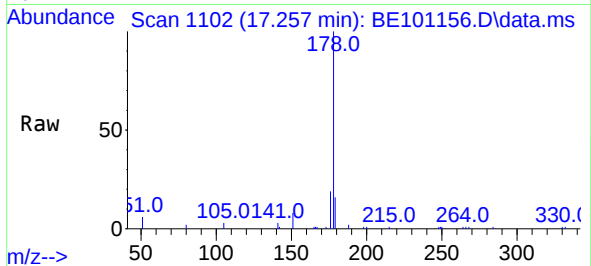




#25
Phenanthrene
Concen: 0.11 ng
RT: 17.257 min Scan# 1102
Delta R.T. 0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

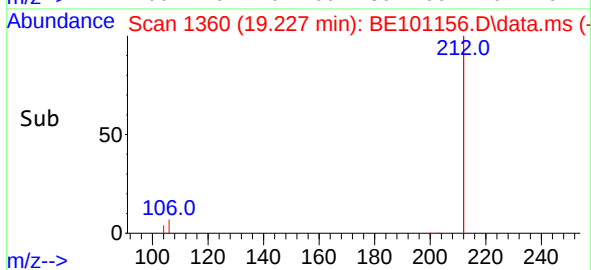
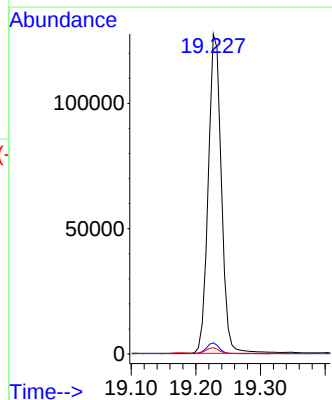
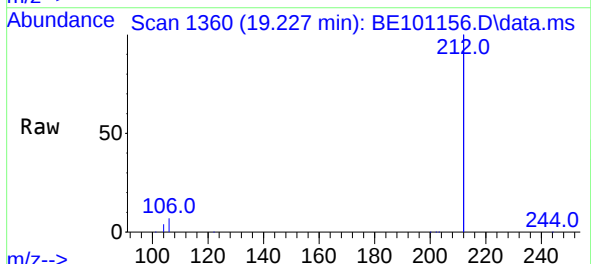
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921

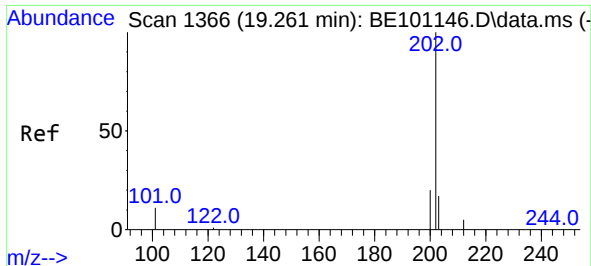
Tgt Ion:178 Resp: 10840
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.7 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.227 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:212 Resp: 179553
Ion Ratio Lower Upper
212 100
106 3.3 2.6 3.8
104 1.9 1.4 2.2

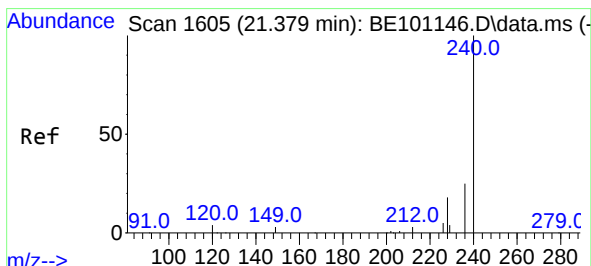
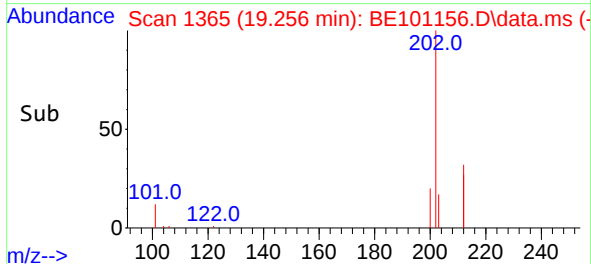
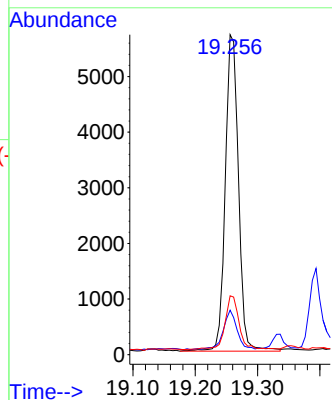
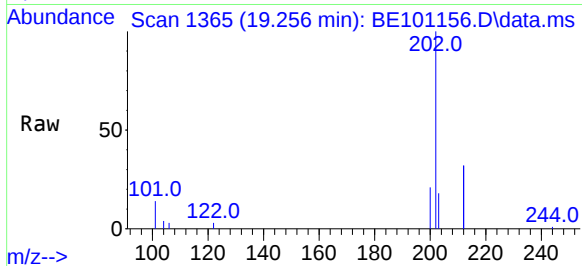




#28
Fluoranthene
Concen: 0.07 ng
RT: 19.256 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

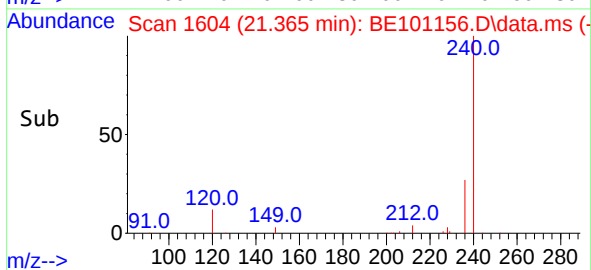
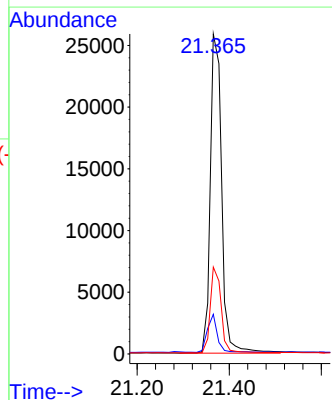
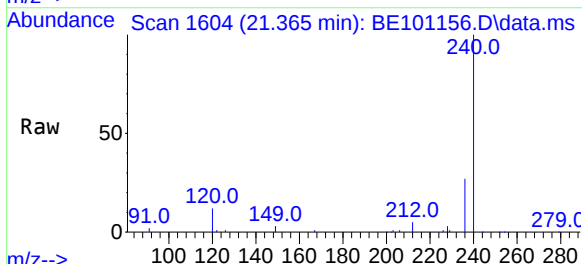
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921

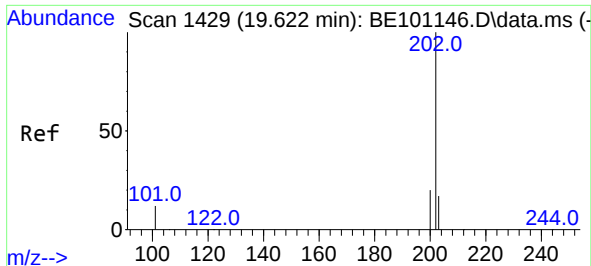
Tgt Ion:202 Resp: 8364
Ion Ratio Lower Upper
202 100
101 13.4 8.9 13.3#
203 18.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:240 Resp: 44112
Ion Ratio Lower Upper
240 100
120 12.4 4.1 6.1#
236 27.1 20.3 30.5

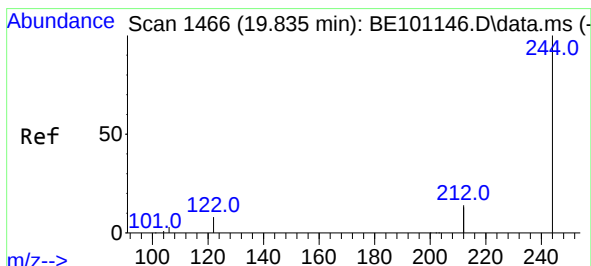
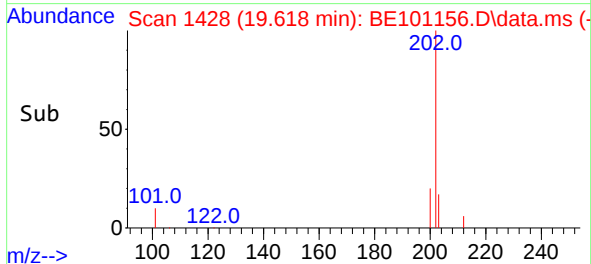
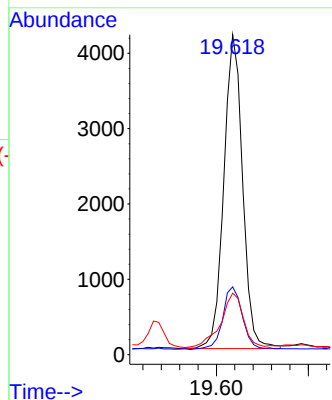
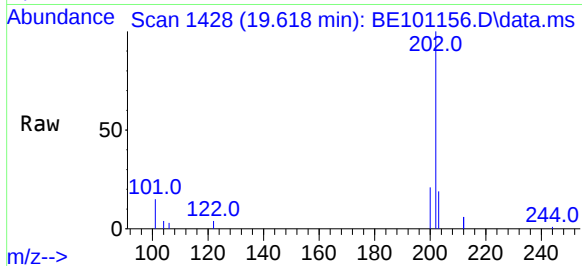




#30
Pyrene
Concen: 0.05 ng
RT: 19.618 min Scan# 1428
Delta R.T. -0.005 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

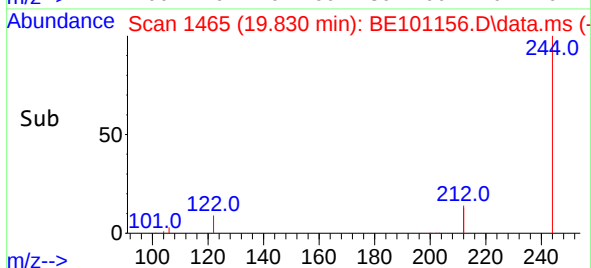
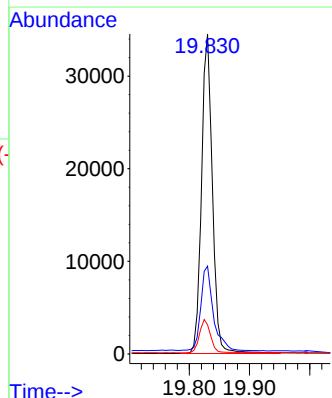
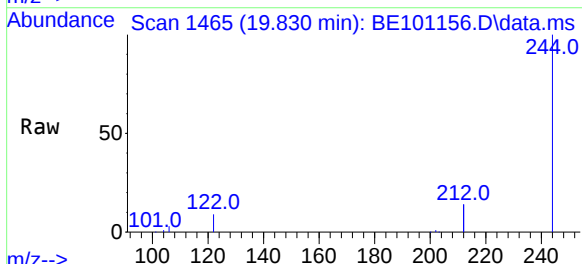
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921

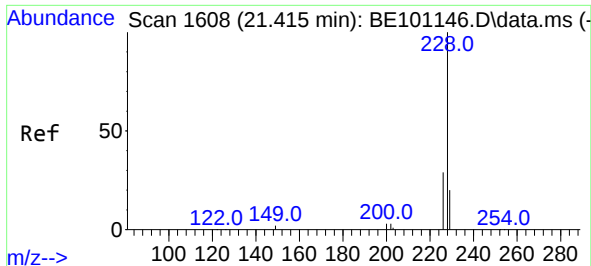
Tgt Ion:	202	Resp:	5914
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.2	24.2
203	20.7	13.9	20.9



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.830 min Scan# 1465
Delta R.T. -0.005 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:	244	Resp:	43324
Ion Ratio	Lower	Upper	
244	100		
212	27.4	21.7	32.5
122	9.1	6.6	10.0

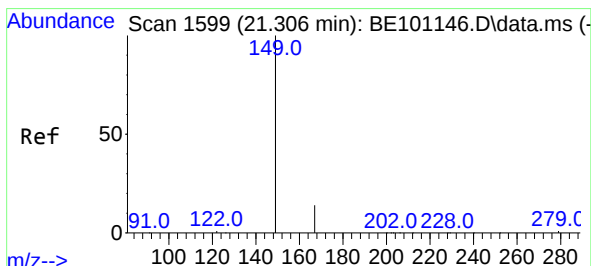
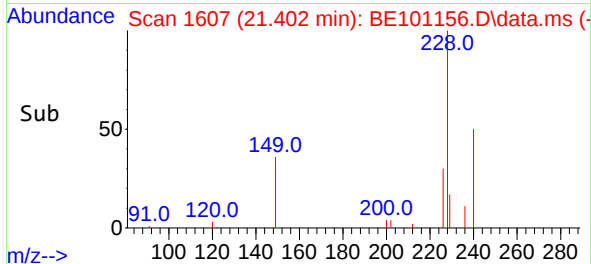
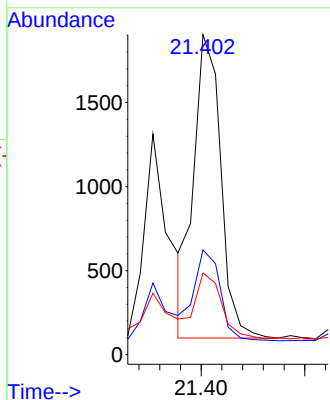
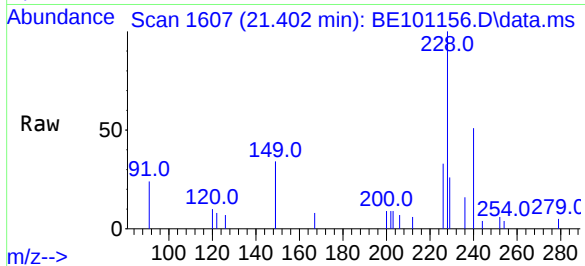




#33
Chrysene
Concen: 0.02 ng
RT: 21.402 min Scan# 1607
Delta R.T. -0.013 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

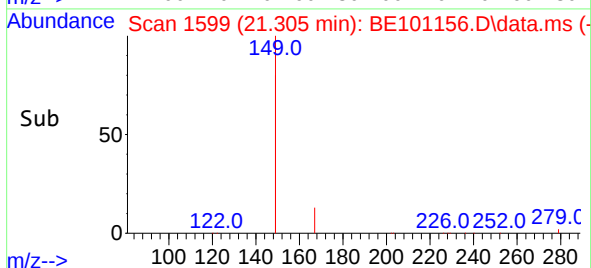
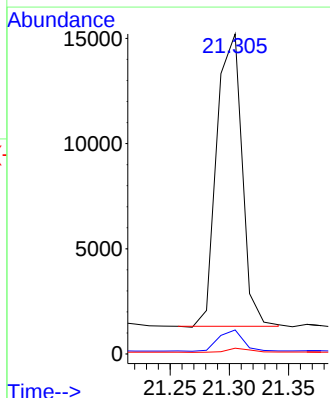
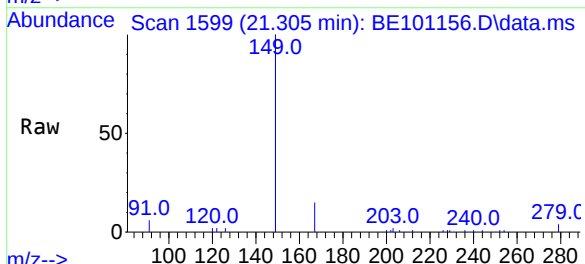
Instrument :
BNA_E
ClientSampleId :
GWBR2-95-105-032921

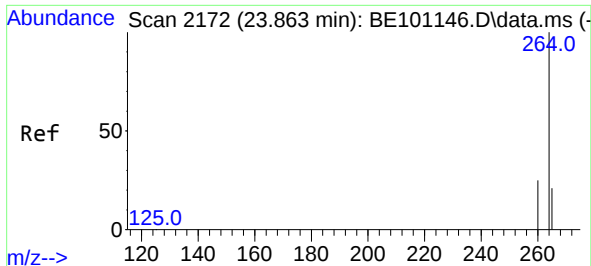
Tgt Ion:228 Resp: 3252
Ion Ratio Lower Upper
228 100
226 32.8 22.8 34.2
229 25.6 16.2 24.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.305 min Scan# 1599
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:149 Resp: 20630
Ion Ratio Lower Upper
149 100
167 6.9 5.4 8.2
279 1.3 0.9 1.3



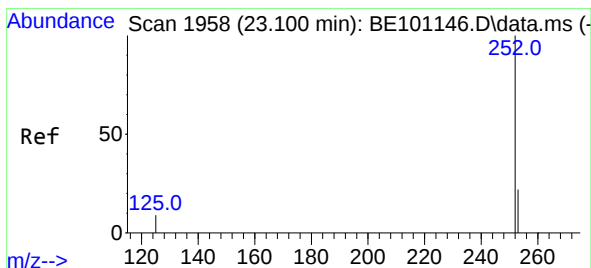
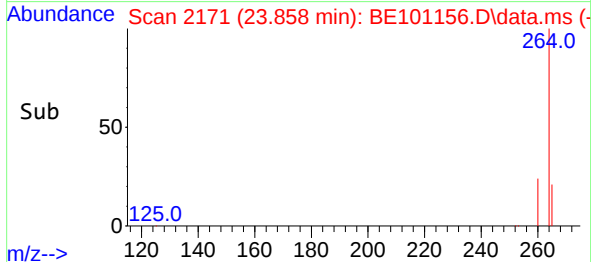
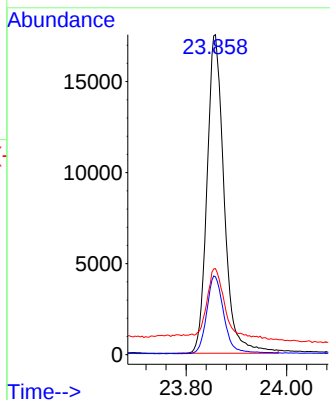
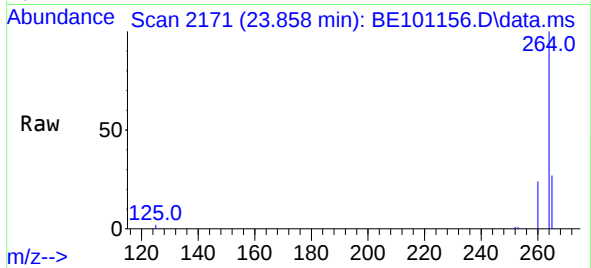


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.858 min Scan# 2171
Delta R.T. -0.005 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

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

Tgt Ion:264 Resp: 41385

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.5	30.7
265	26.9	20.6	30.8



#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.099 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BE101156.D
Acq: 31 Mar 2021 11:26

Tgt Ion:252 Resp: 3325

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.8	26.8#
125	21.3	7.5	11.3#

