

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041221\
 Data File : BE101288.D
 Acq On : 12 Apr 2021 20:32
 Operator : CG/JU
 Sample : M1966-04DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-115RRDL

Quant Time: Apr 13 01:46:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 12 18:02:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

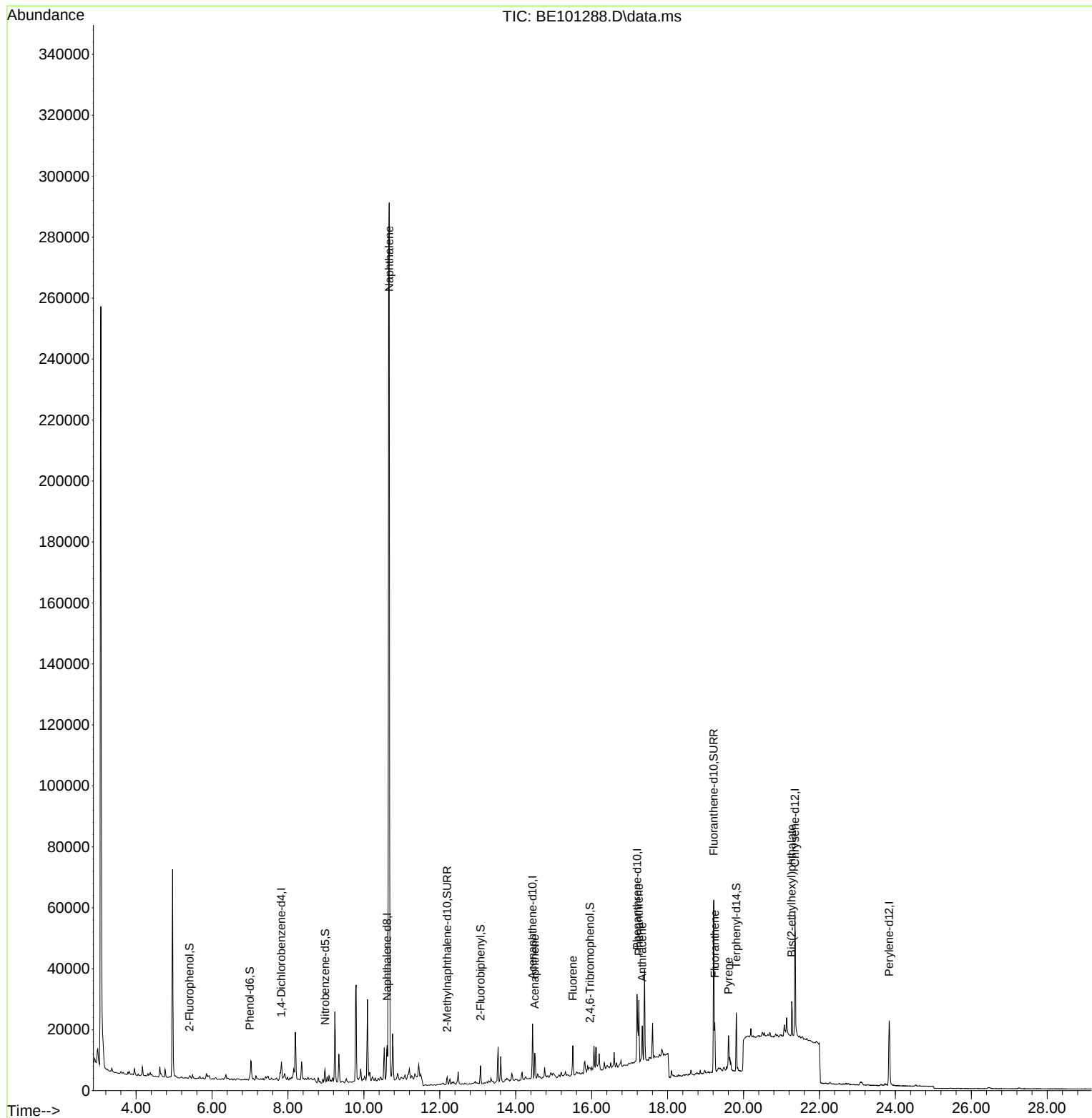
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2526	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	13061	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	10166	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	28999	0.40	ng	# 0.00
29) Chrysene-d12	21.354	240	42487	0.40	ng	0.00
36) Perylene-d12	23.837	264	31915	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.409	112	987	0.13	ng	-0.02
5) Phenol-d6	6.999	99	600	0.05	ng	0.00
8) Nitrobenzene-d5	8.977	82	1966	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	3377	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	366	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	5130	0.14	ng	0.00
27) Fluoranthene-d10	19.216	212	73812	0.15	ng	0.00
31) Terphenyl-d14	19.808	244	17887	0.17	ng	0.00
Target Compounds						
9) Naphthalene	10.666	128	511276	3.62	ng	Qvalue 100
17) Acenaphthene	14.500	154	4867	0.17	ng	95
18) Fluorene	15.503	166	6849	0.18	ng	# 98
25) Phenanthrene	17.242	178	20987	0.25	ng	# 92
26) Anthracene	17.332	178	11935	0.16	ng	# 82
28) Fluoranthene	19.245	202	14244	0.13	ng	98
30) Pyrene	19.601	202	9126	0.07	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.269	149	14865	0.08	ng	100

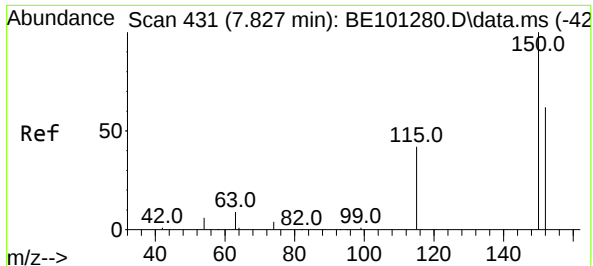
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041221\
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Misc :
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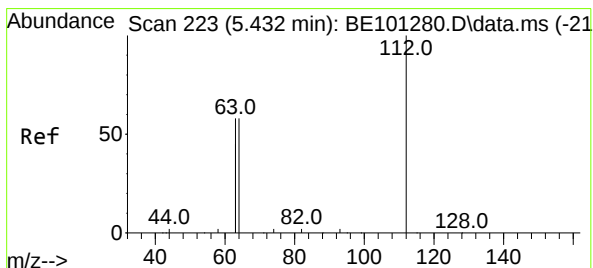
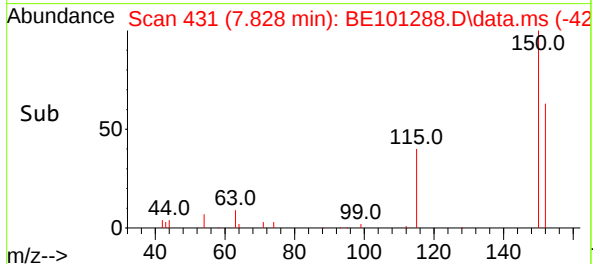
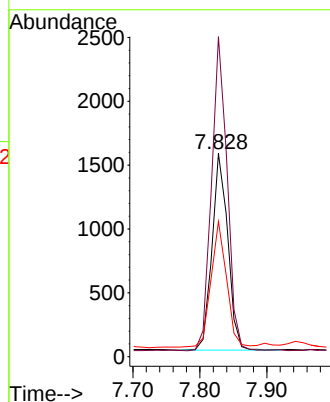
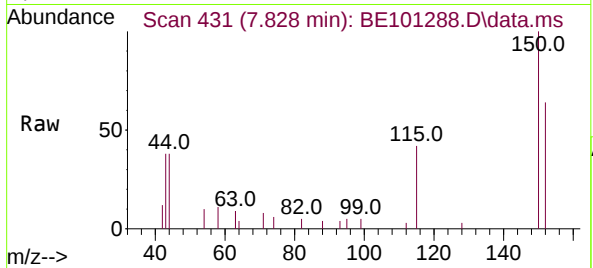




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.828 min Scan# 431
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

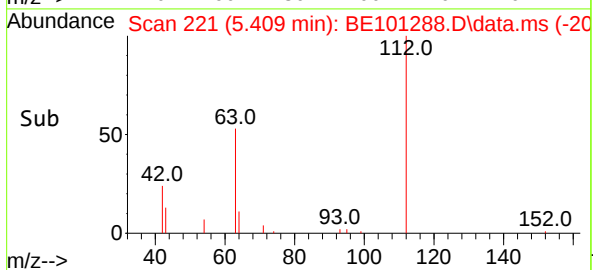
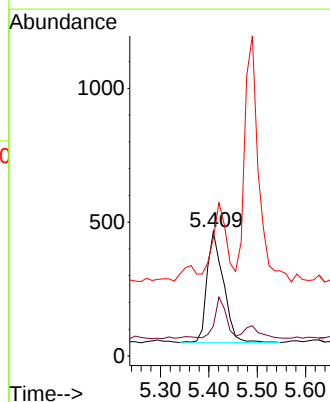
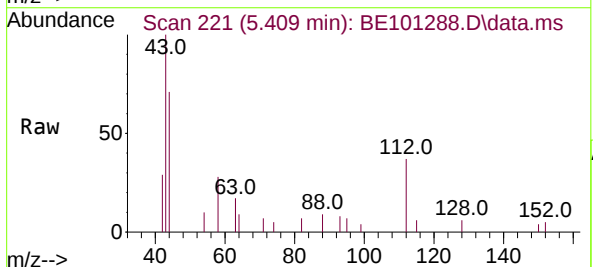
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BNA_E
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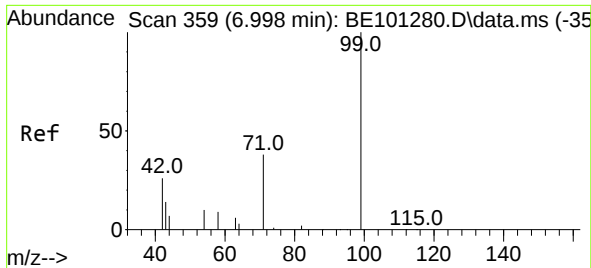
Tgt Ion:152 Resp: 2526
Ion Ratio Lower Upper
152 100
150 157.4 116.9 175.3
115 66.5 44.5 66.7



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.409 min Scan# 221
Delta R.T. -0.023 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:112 Resp: 987
Ion Ratio Lower Upper
112 100
64 25.3 62.3 93.5#
63 59.4 117.3 175.9#

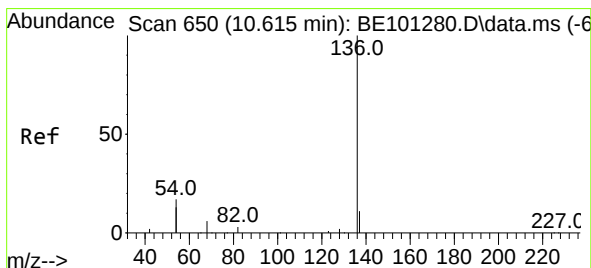
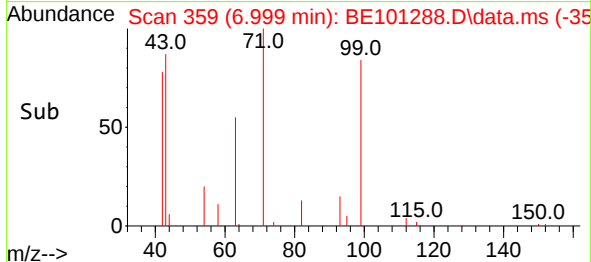
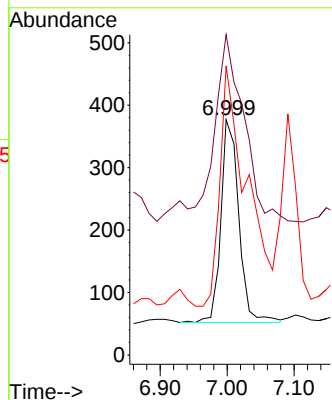
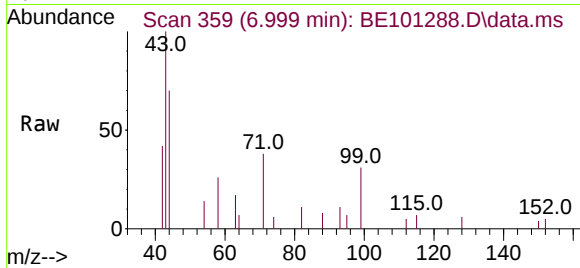




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.999 min Scan# 359
Delta R.T. 0.000 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

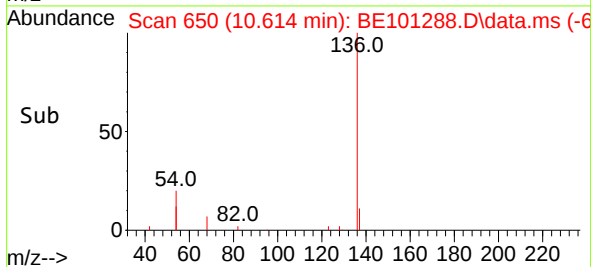
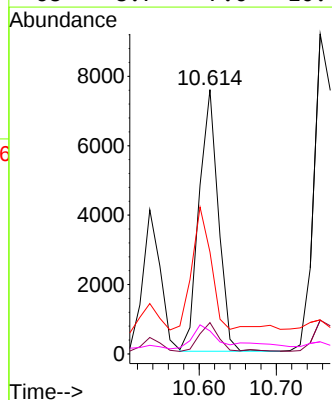
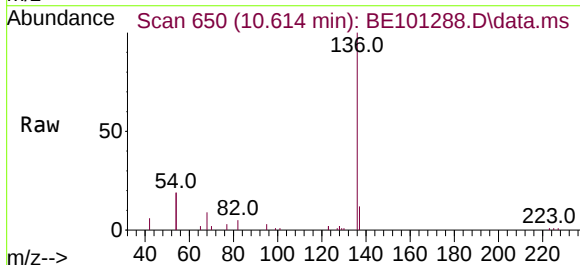
Instrument :
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ClientSampleId :
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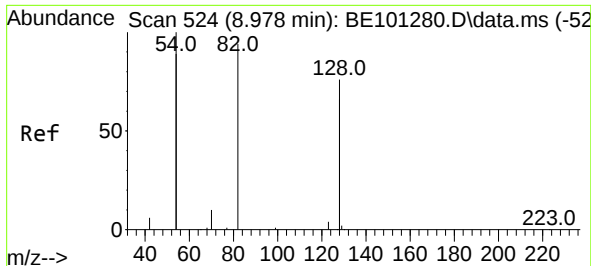
Tgt Ion:	99	Resp:	600
Ion	Ratio	Lower	Upper
99	100		
42	149.2	18.5	27.7#
71	177.3	26.5	39.7#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:	136	Resp:	13061
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	38.6	34.7	52.1
68	8.7	7.0	10.4

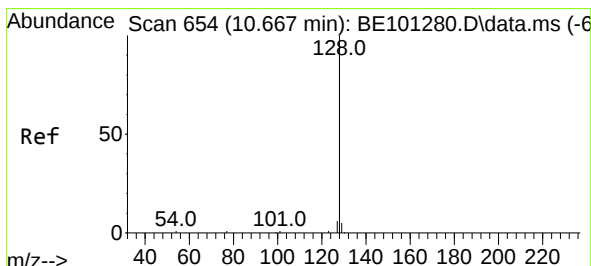
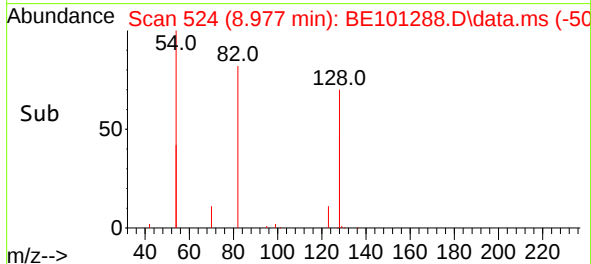
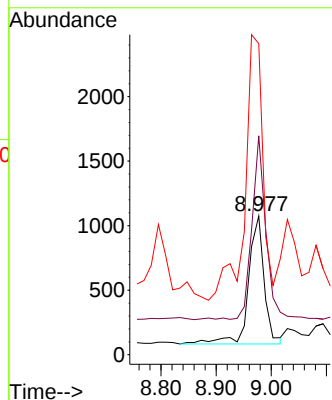
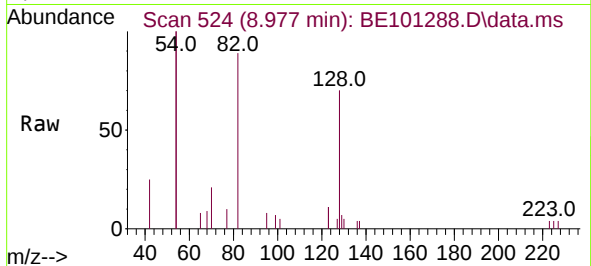




#8
Nitrobenzene-d5
Concen: 0.16 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

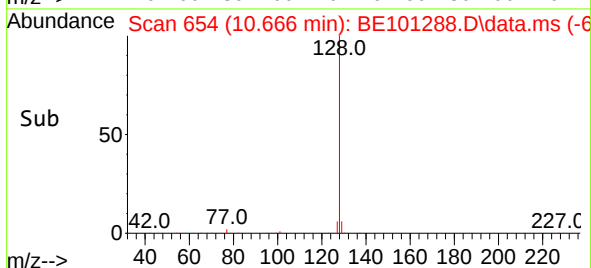
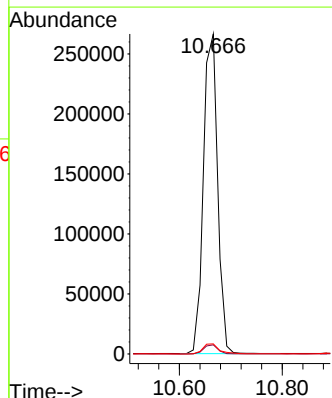
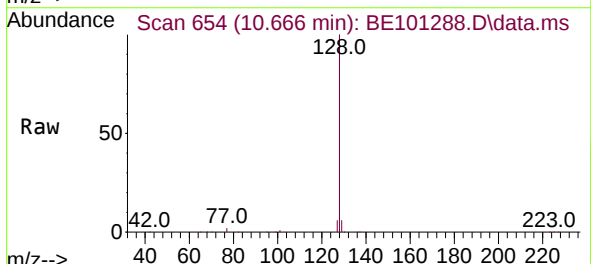
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

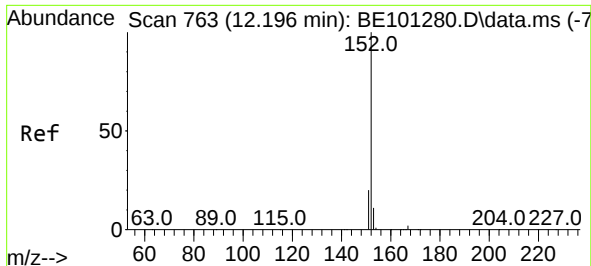
Tgt Ion: 82 Resp: 1966
Ion Ratio Lower Upper
82 100
128 157.8 118.7 178.1
54 224.2 164.4 246.6



#9
Naphthalene
Concen: 3.62 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion: 128 Resp: 511276
Ion Ratio Lower Upper
128 100
129 2.9 2.2 3.4
127 3.2 2.6 3.8

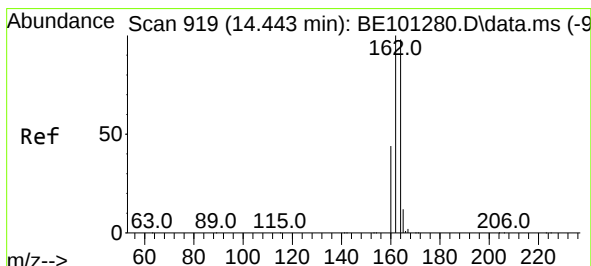
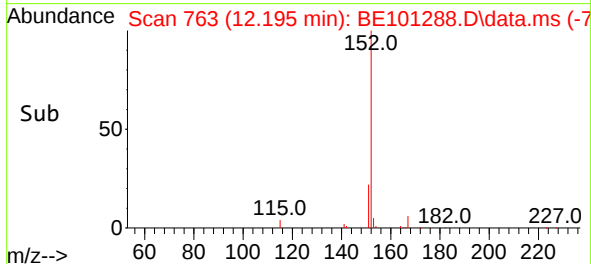
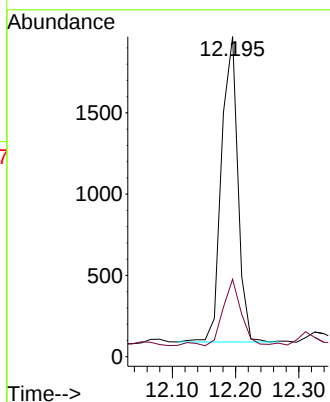
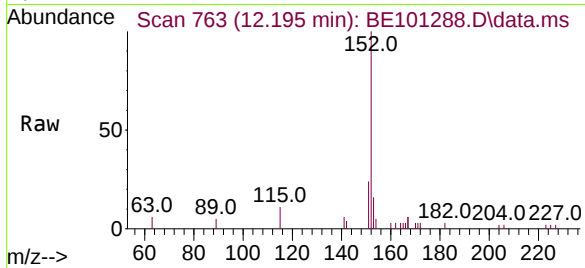




#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

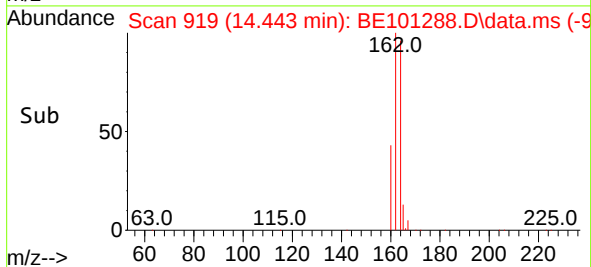
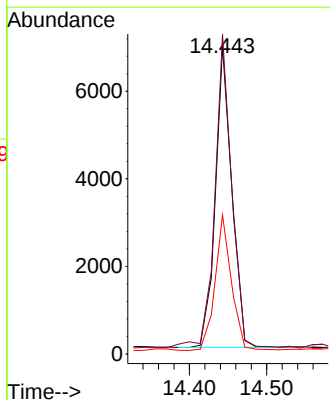
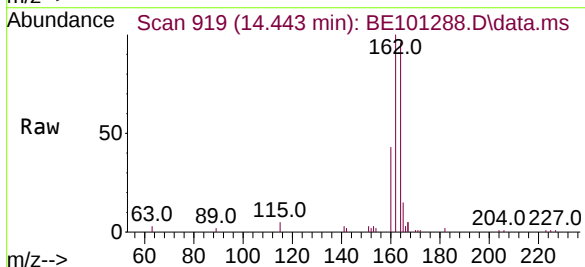
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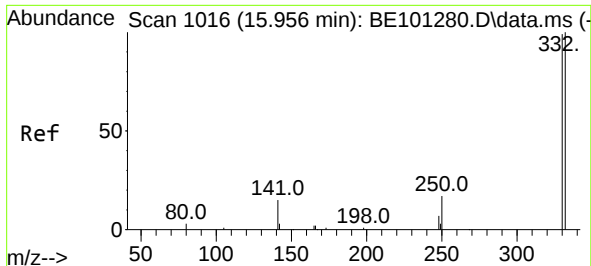
Tgt Ion:152 Resp: 3377
Ion Ratio Lower Upper
152 100
151 24.8 16.5 24.7#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.000 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:164 Resp: 10166
Ion Ratio Lower Upper
164 100
162 104.1 85.3 127.9
160 45.2 39.1 58.7

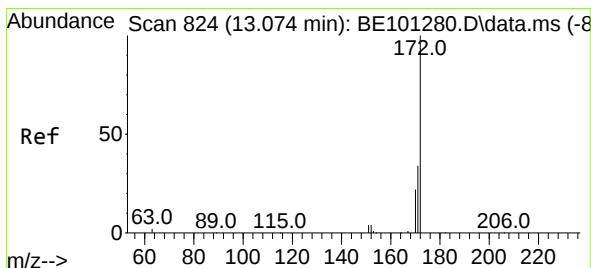
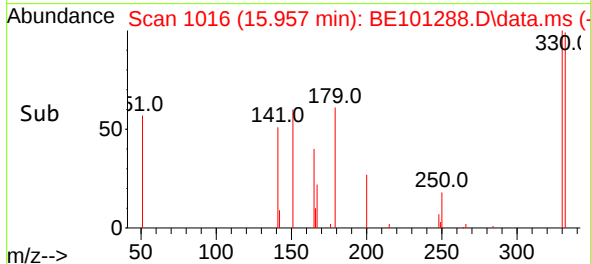
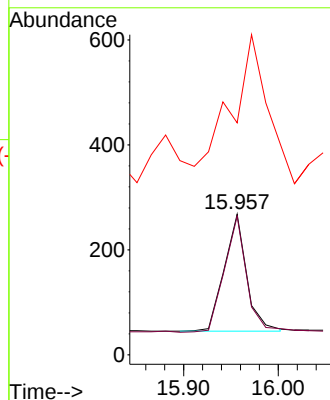
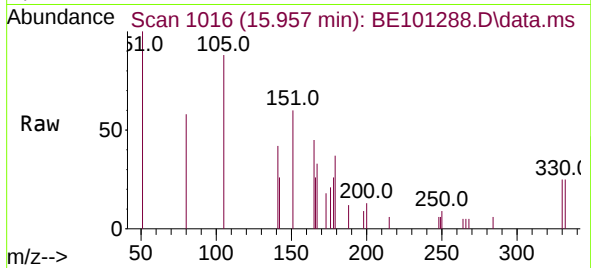




#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

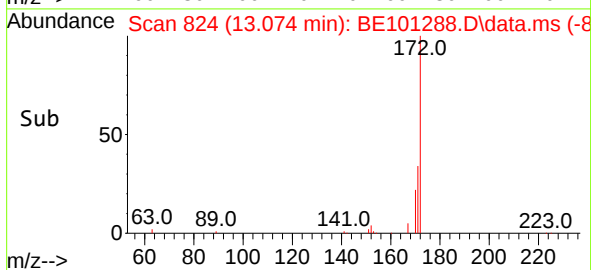
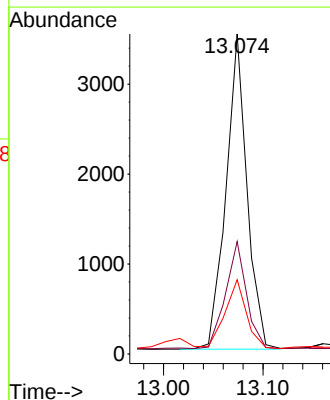
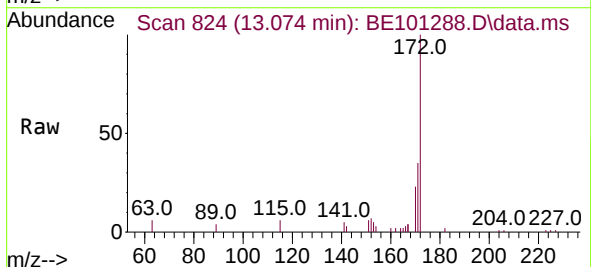
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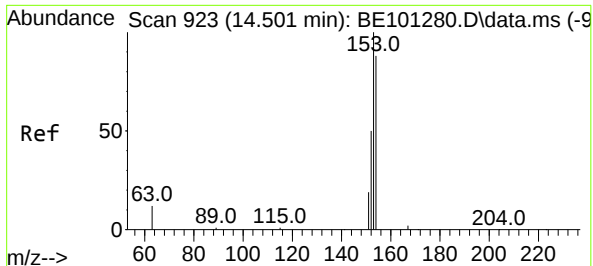
Tgt Ion: 330 Resp: 366
Ion Ratio Lower Upper
330 100
332 98.6 77.8 116.6
141 160.9 30.4 45.6#



#15
2-Fluorobiphenyl
Concen: 0.14 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.000 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion: 172 Resp: 5130
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.2 19.3 28.9

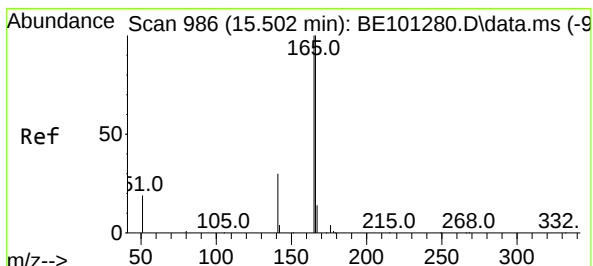
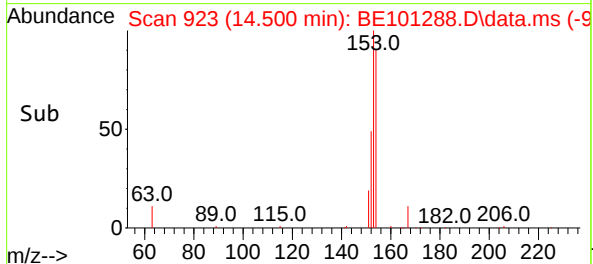
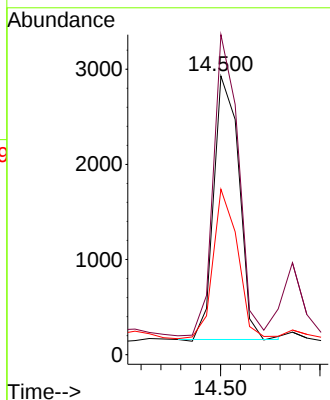
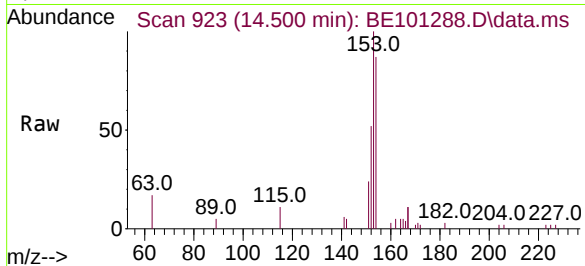




#17
Acenaphthene
Concen: 0.17 ng
RT: 14.500 min Scan# 923
Delta R.T. -0.000 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

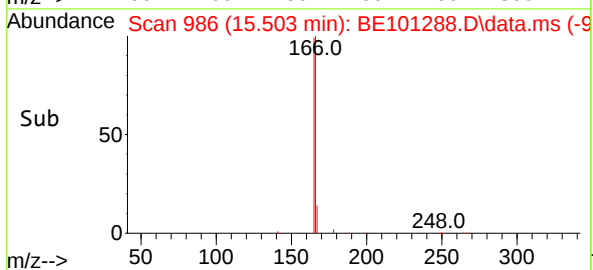
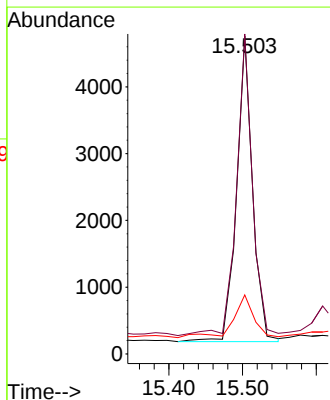
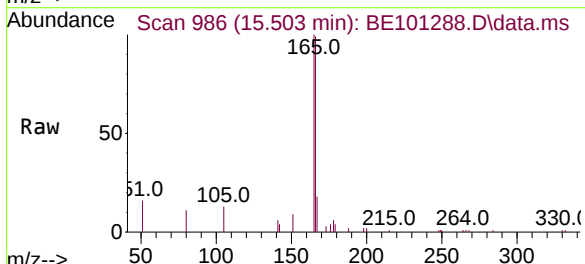
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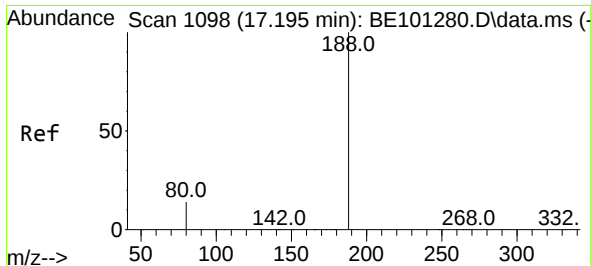
Tgt Ion:154 Resp: 4867
Ion Ratio Lower Upper
154 100
153 112.9 84.9 127.3
152 55.6 42.7 64.1



#18
Fluorene
Concen: 0.18 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:166 Resp: 6849
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 18.0 11.0 16.4#

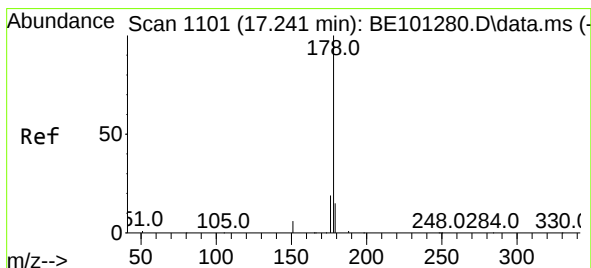
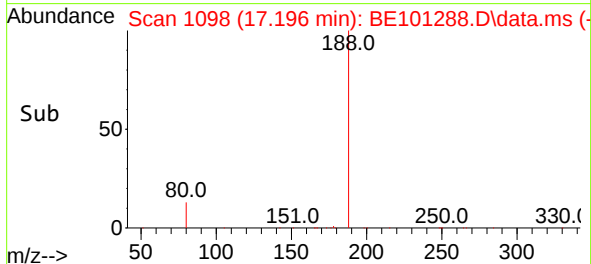
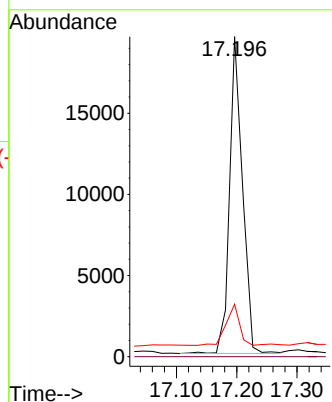
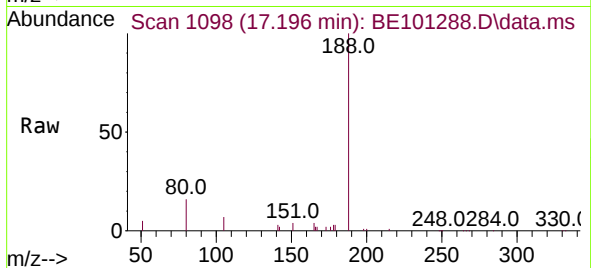




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

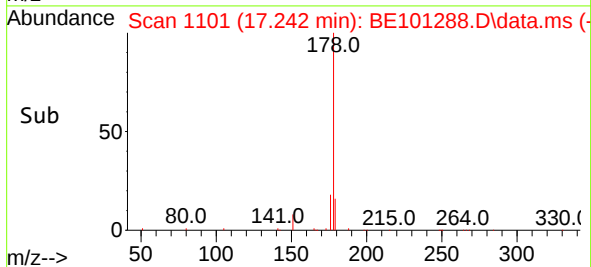
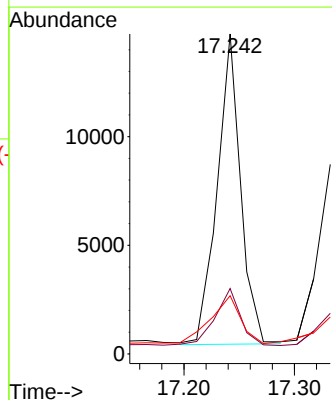
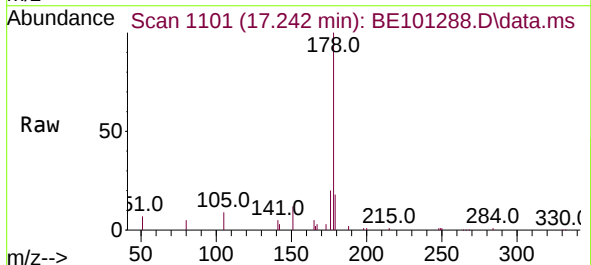
Instrument :
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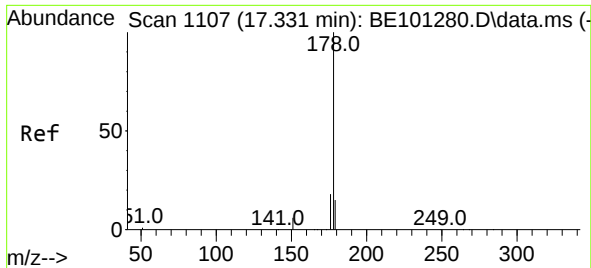
Tgt Ion:188 Resp: 28999
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.4 4.6 6.8#



#25
Phenanthrene
Concen: 0.25 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:178 Resp: 20987
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.6
179 21.6 12.2 18.4#

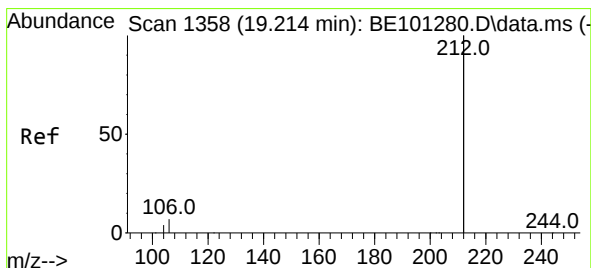
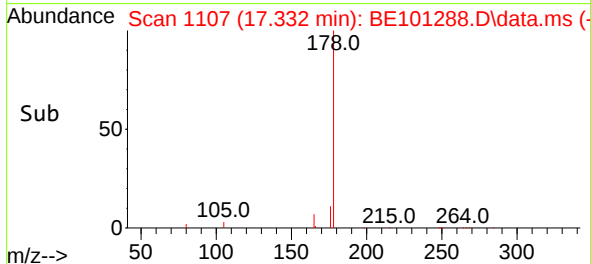
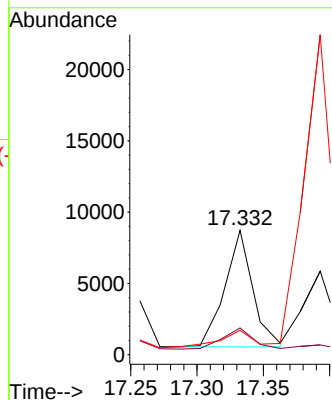
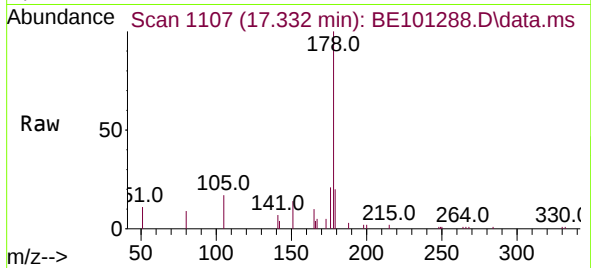




#26
 Anthracene
 Concen: 0.16 ng
 RT: 17.332 min Scan# 1107
 Delta R.T. 0.001 min
 Lab File: BE101288.D
 Acq: 12 Apr 2021 20:32

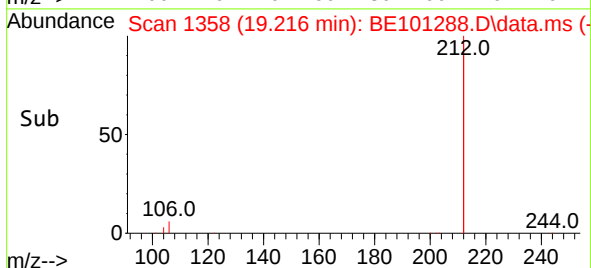
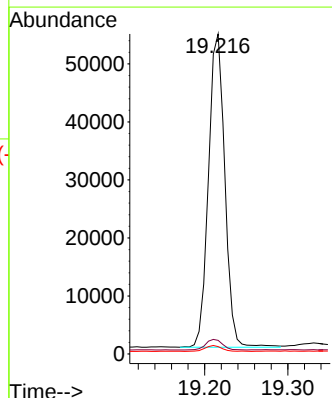
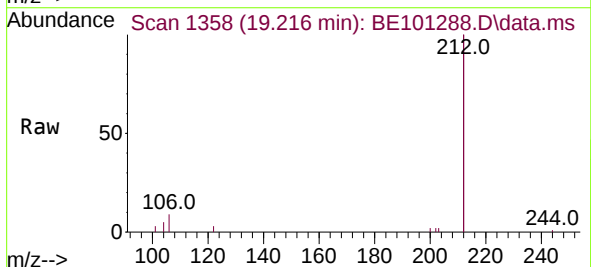
Instrument :
 BNA_E
 ClientSampleId :
 MW-115RRDL

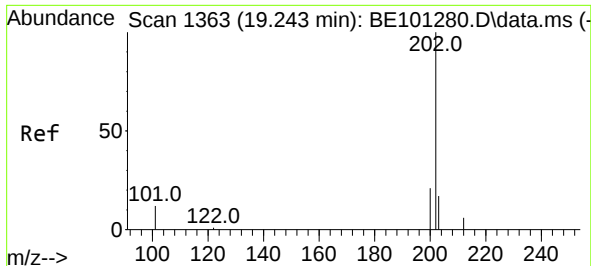
Tgt Ion:178 Resp: 11935
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.4 21.6
 179 0.0 11.8 17.8#



#27
 Fluoranthene-d10
 Concen: 0.15 ng
 RT: 19.216 min Scan# 1358
 Delta R.T. 0.002 min
 Lab File: BE101288.D
 Acq: 12 Apr 2021 20:32

Tgt Ion:212 Resp: 73812
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 1.4 2.2

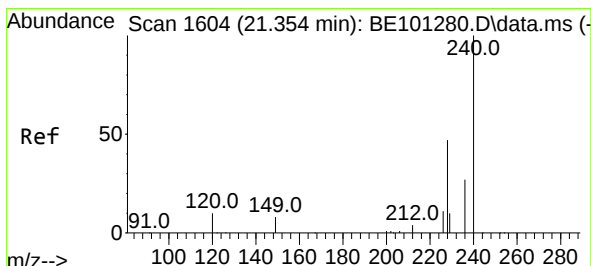
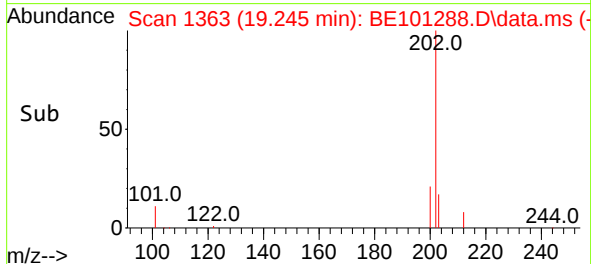
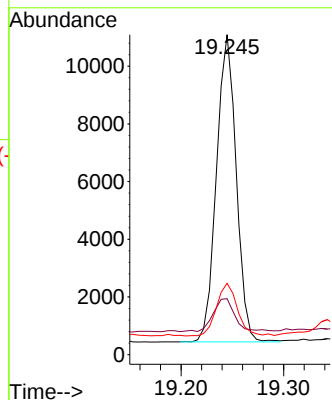
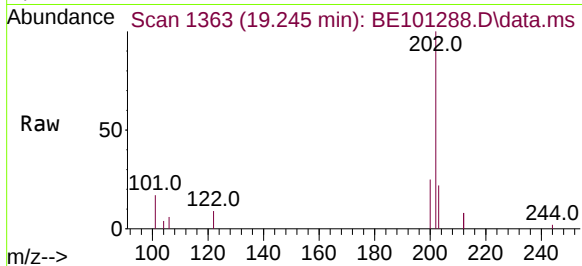




#28
Fluoranthene
Concen: 0.13 ng
RT: 19.245 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

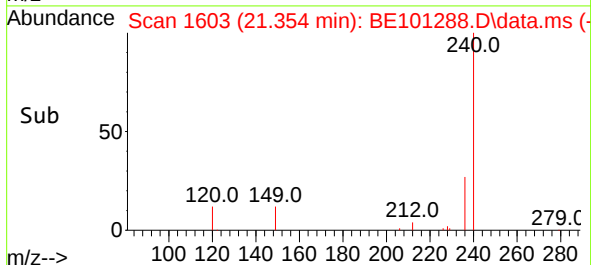
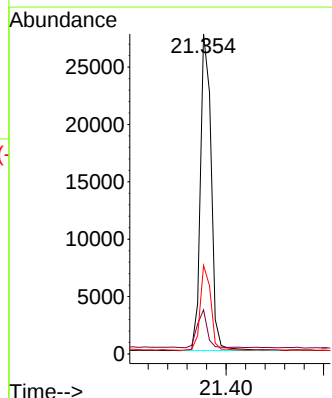
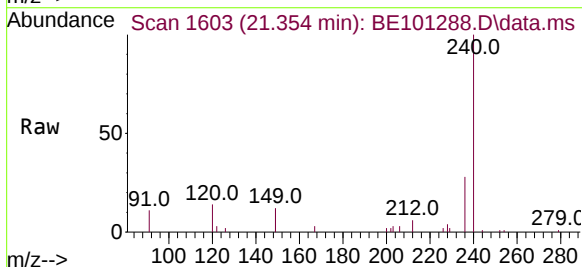
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

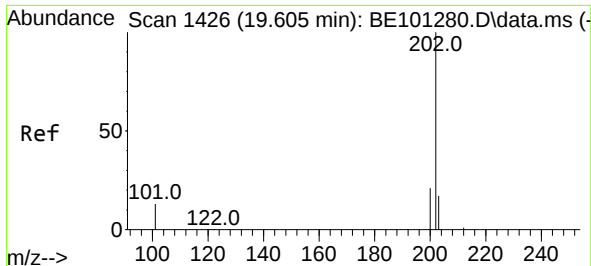
Tgt Ion:	202	Resp:	14244
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.1	13.7
203	18.2	13.6	20.4



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:	240	Resp:	42487
Ion Ratio	Lower	Upper	
240	100		
120	13.8	10.2	15.4
236	27.7	21.7	32.5

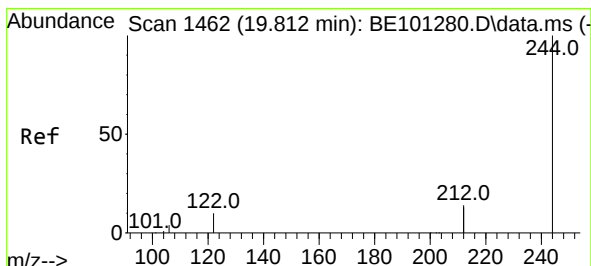
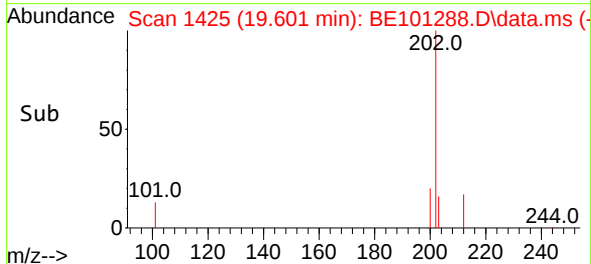
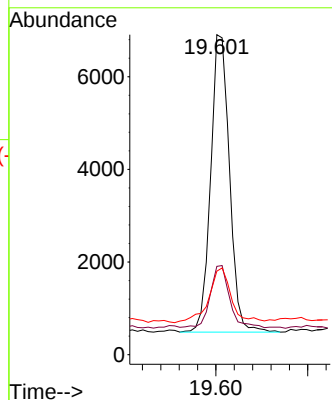
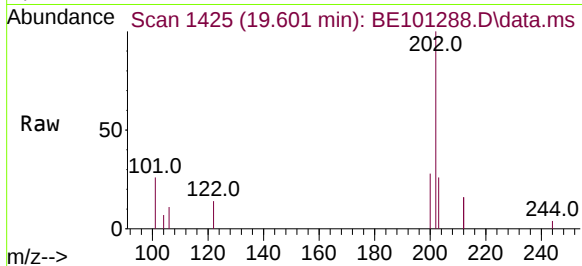




#30
Pyrene
Concen: 0.07 ng
RT: 19.601 min Scan# 1425
Delta R.T. -0.004 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

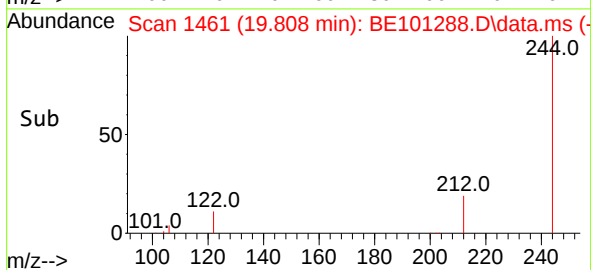
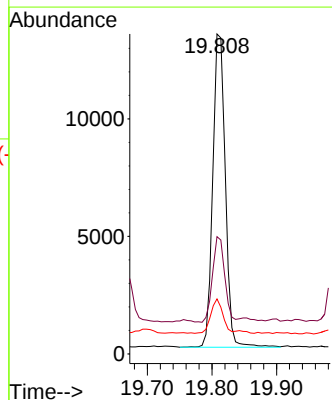
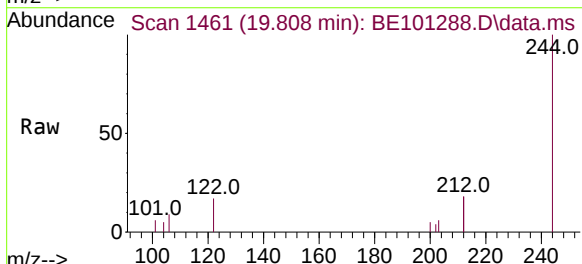
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

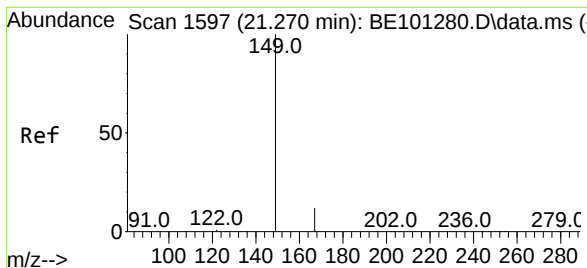
Tgt Ion:202 Resp: 9126
Ion Ratio Lower Upper
202 100
200 22.4 16.6 24.8
203 22.1 13.8 20.8#



#31
Terphenyl-d14
Concen: 0.17 ng
RT: 19.808 min Scan# 1461
Delta R.T. -0.004 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:244 Resp: 17887
Ion Ratio Lower Upper
244 100
212 36.7 21.9 32.9#
122 17.2 7.3 10.9#

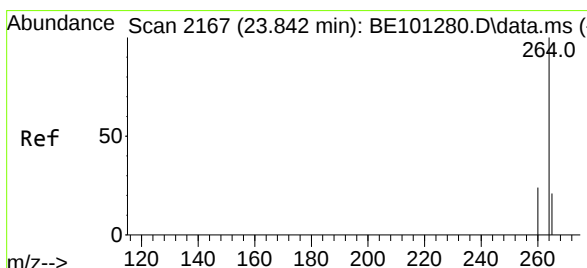
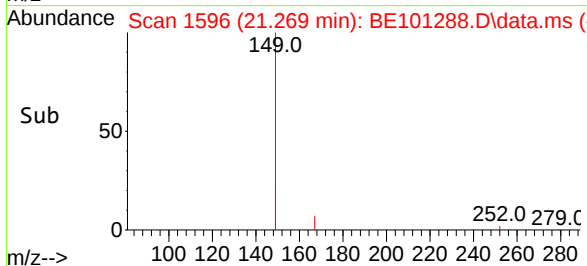
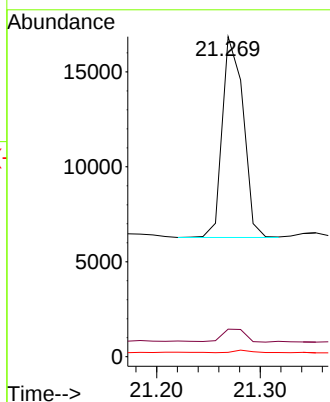
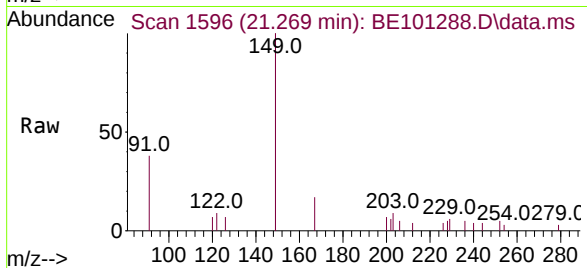




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.269 min Scan# 1596
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

Tgt Ion:	149	Resp:	14865
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.5	8.3
279	1.1	1.0	1.4



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:	264	Resp:	31915
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.3	28.9
265	25.3	22.4	33.6

