

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)

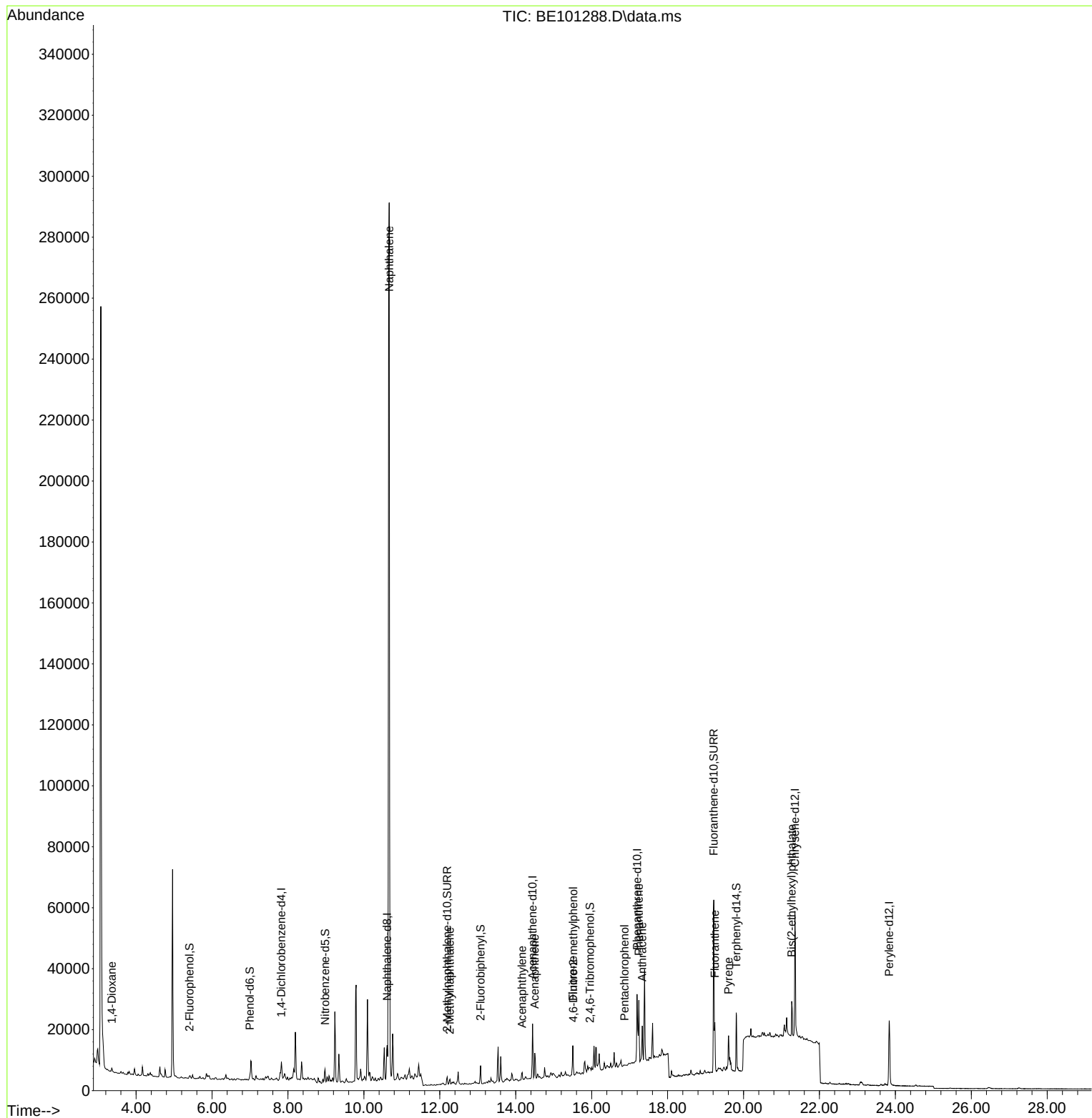
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2526	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	13061	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	10166	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	28999	0.40	ng	# 0.00
29) Chrysene-d12	21.354	240	42487	0.40	ng	0.00
36) Perylene-d12	23.837	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						Qvalue
2) 1,4-Dioxane	3.359	88	370	0.09	ng	# 1
9) Naphthalene	10.666	128	511276	3.62	ng	100
12) 2-Methylnaphthalene	12.267	142	1346	0.05	ng	# 92
16) Acenaphthylene	14.169	152	2598	0.06	ng	# 79
17) Acenaphthene	14.500	154	4867	0.17	ng	95
18) Fluorene	15.503	166	6849	0.18	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.518	198	6	0.19	ng	# 1
24) Pentachlorophenol	16.864	266	85	0.30	ng	# 85
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

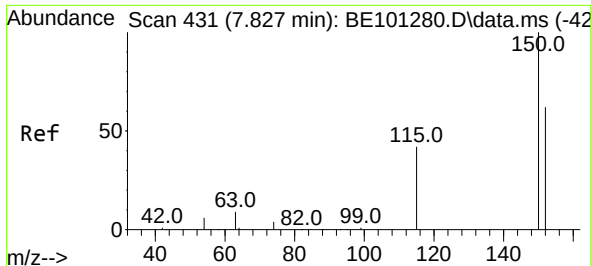
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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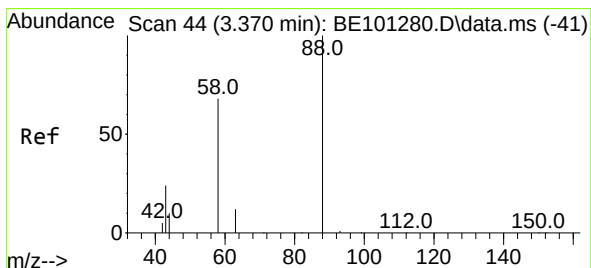
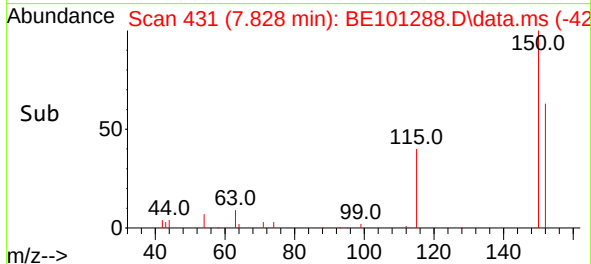
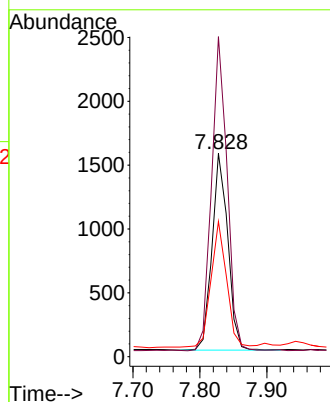
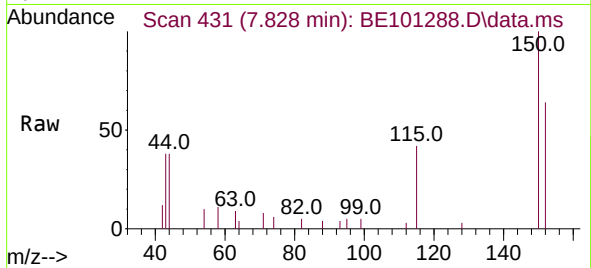




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.828 min Scan# 431
 Delta R.T. 0.001 min
 Lab File: BE101288.D
 Acq: 12 Apr 2021 20:32

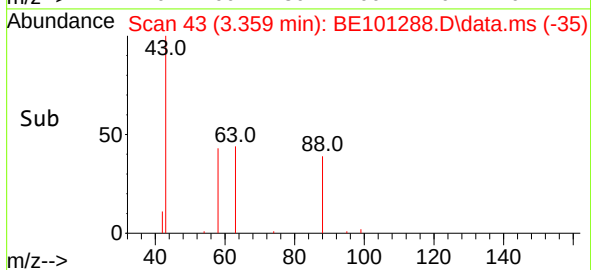
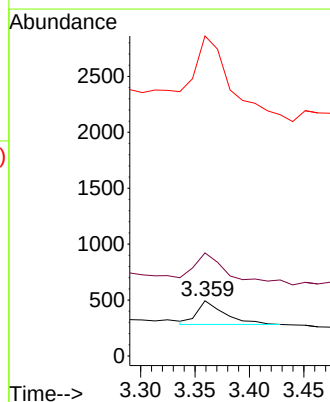
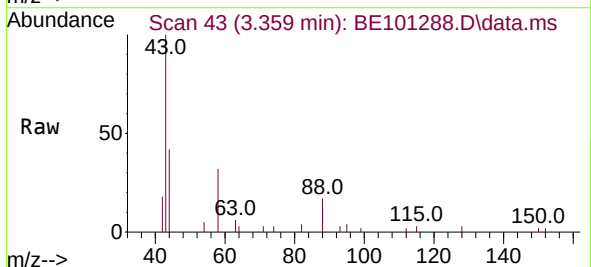
Instrument :
 BNA_E
 ClientSampleId :
 MW-115RRDL

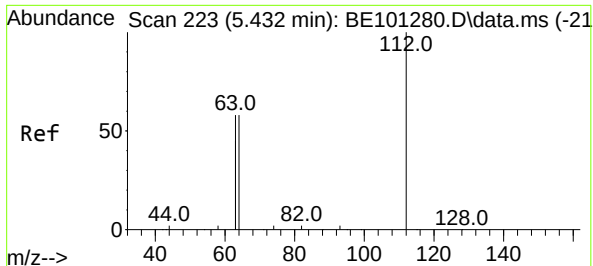
Tgt Ion: 152 Resp: 2526
 Ion Ratio Lower Upper
 152 100
 150 157.4 116.9 175.3
 115 66.5 44.5 66.7



#2
 1,4-Dioxane
 Concen: 0.09 ng
 RT: 3.359 min Scan# 43
 Delta R.T. -0.011 min
 Lab File: BE101288.D
 Acq: 12 Apr 2021 20:32

Tgt Ion: 88 Resp: 370
 Ion Ratio Lower Upper
 88 100
 58 115.1 73.6 110.4#
 43 391.4 27.6 41.4#

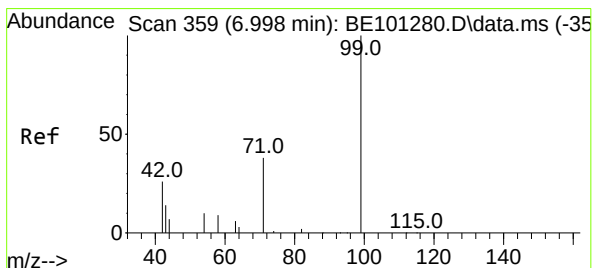
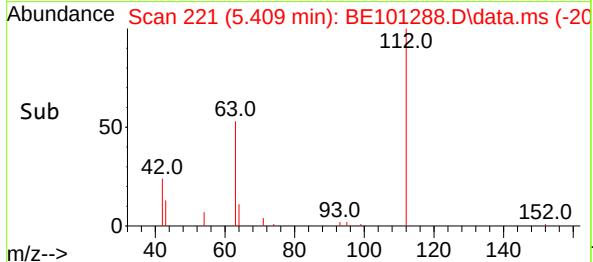
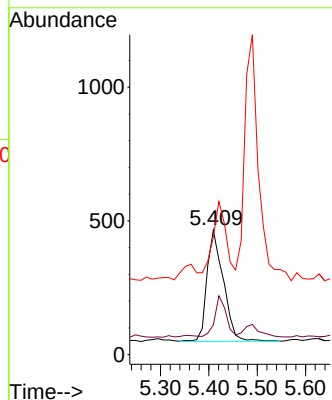
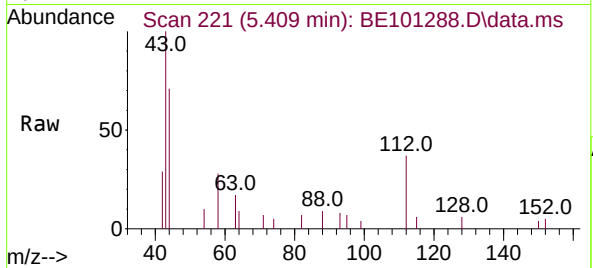




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.409 min Scan# 221
Delta R.T. -0.023 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

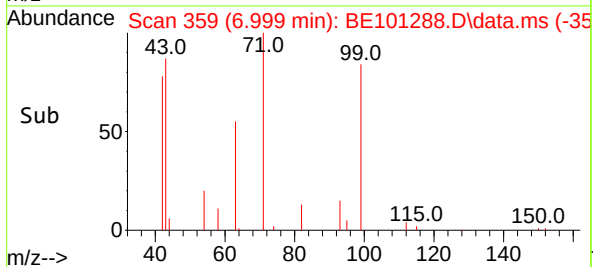
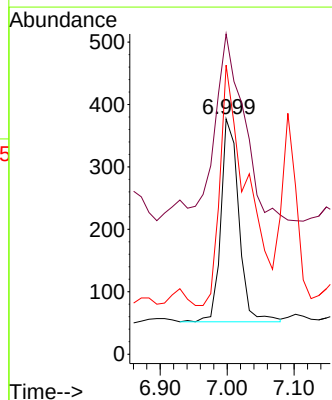
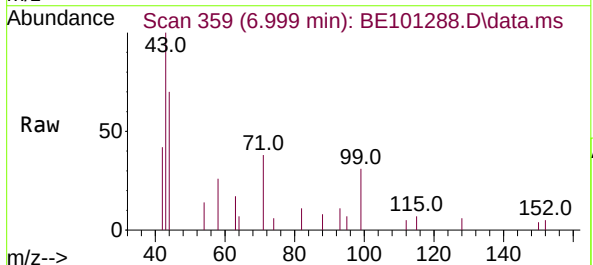
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

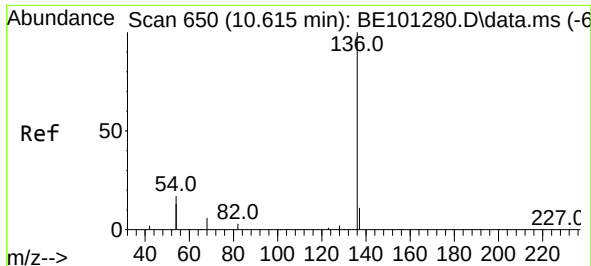
Tgt Ion:112 Resp: 987
Ion Ratio Lower Upper
112 100
64 25.3 62.3 93.5#
63 59.4 117.3 175.9#



#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

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#

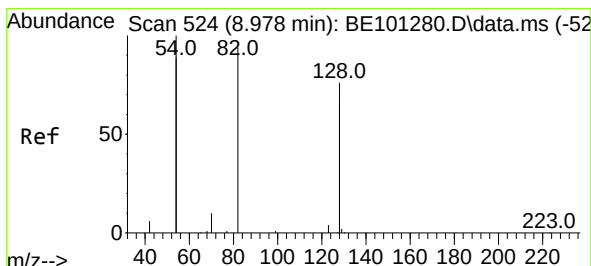
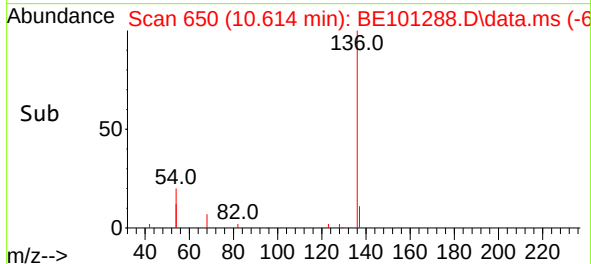
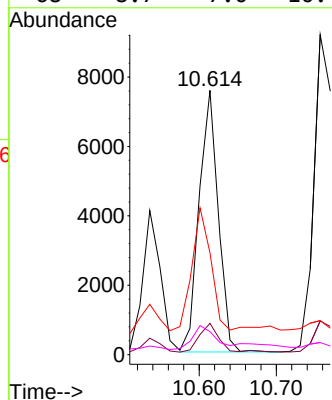
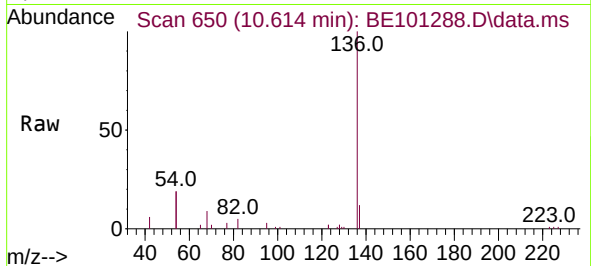




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

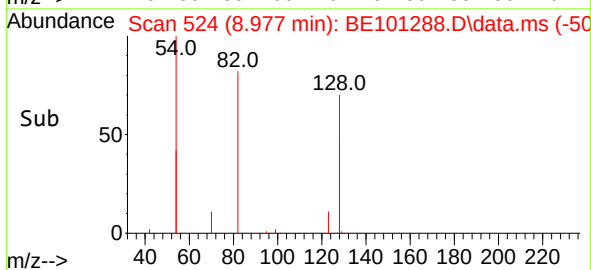
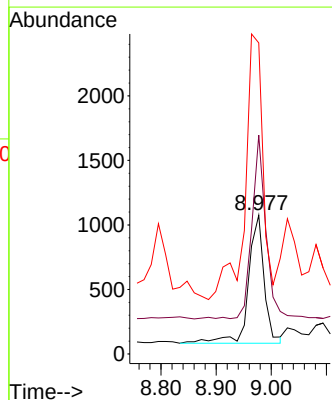
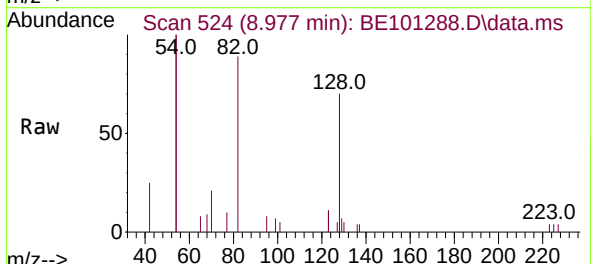
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

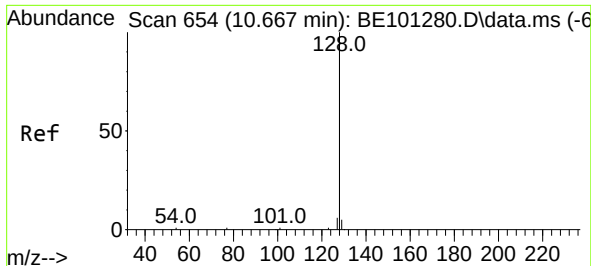
Tgt Ion:	136	Resp:	13061
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	38.6	34.7	52.1
68	8.7	7.0	10.4



#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

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

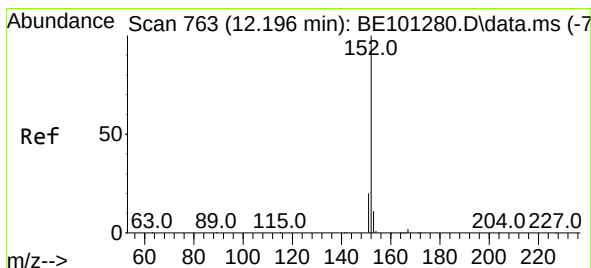
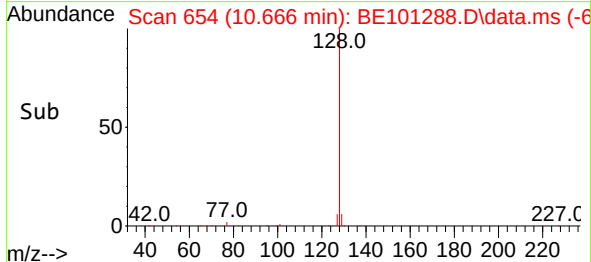
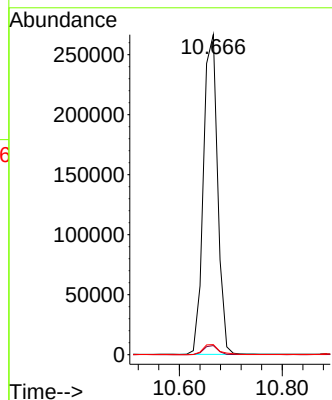
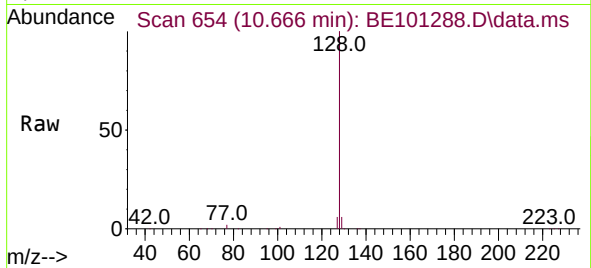




#9
Naphthalene
Concen: 3.62 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

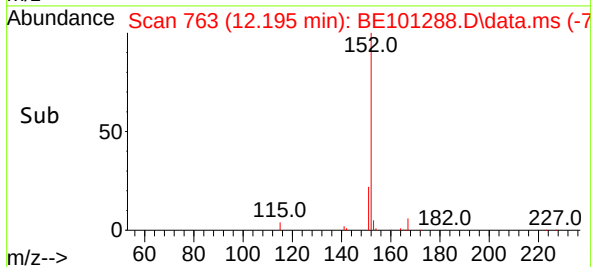
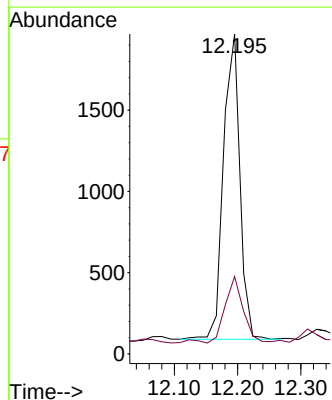
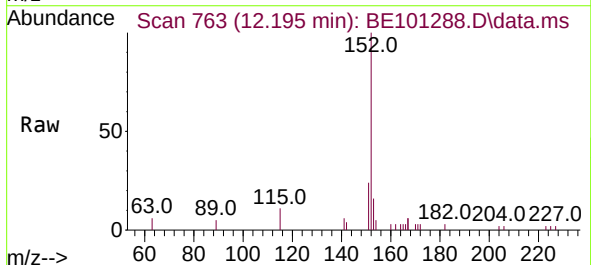
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

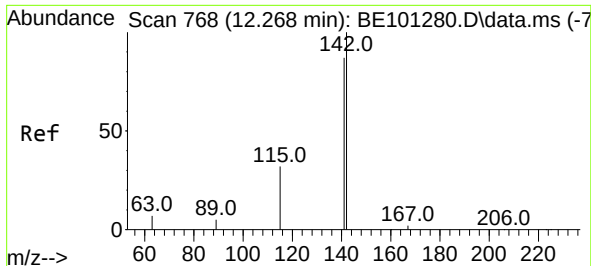
Tgt Ion:	128	Resp:	511276
Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.2	2.6	3.8



#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

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





#12

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.267 min Scan# 768

Delta R.T. -0.000 min

Lab File: BE101288.D

Acq: 12 Apr 2021 20:32

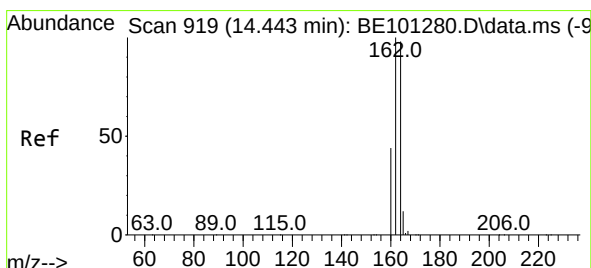
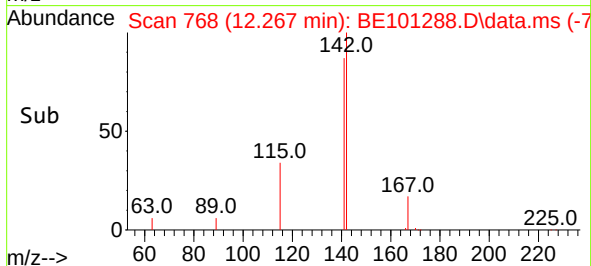
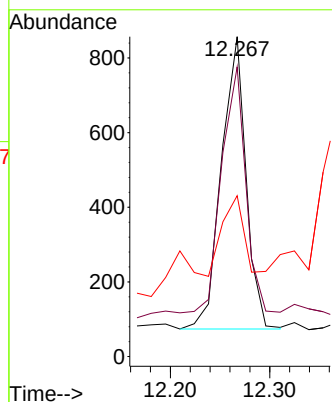
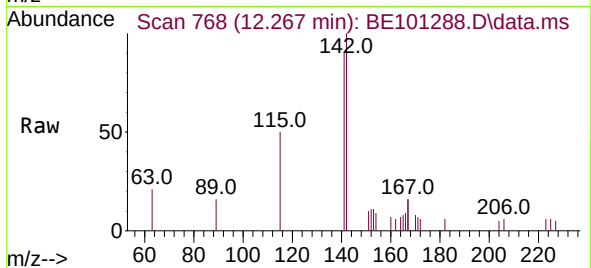
Instrument :

BNA_E

ClientSampleId :

MW-115RRDL

Tgt Ion:	142	Resp:	1346
Ion Ratio	Lower	Upper	
142	100		
141	90.5	73.0	109.6
115	50.3	27.8	41.8#



#13

Acenaphthene-d10

Concen: 0.40 ng

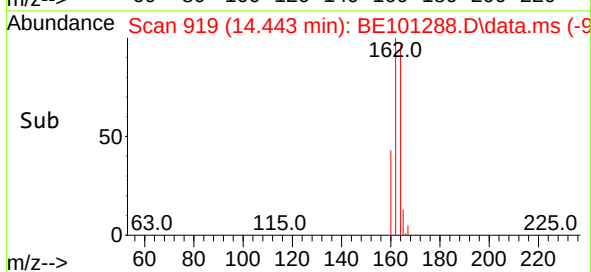
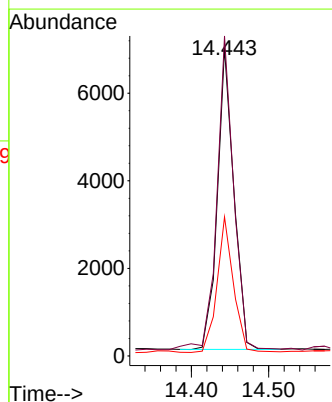
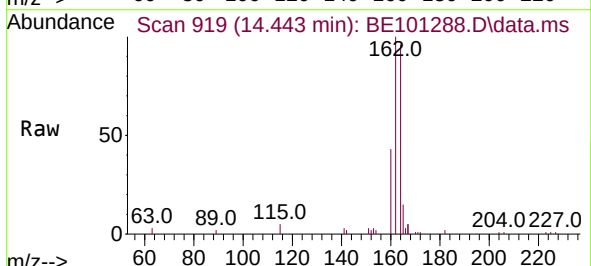
RT: 14.443 min Scan# 919

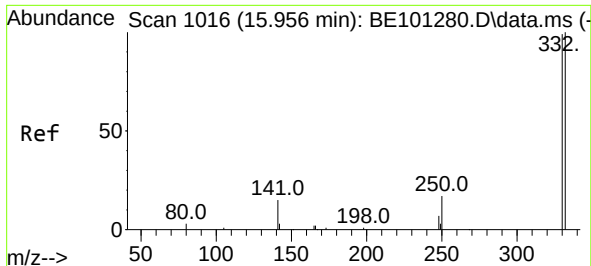
Delta R.T. -0.000 min

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

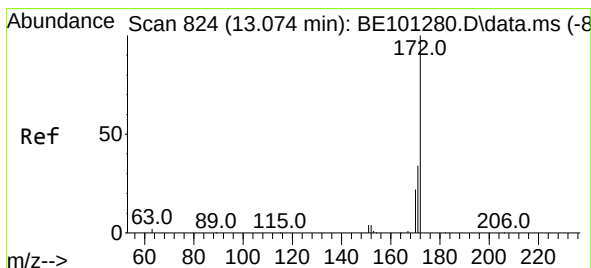
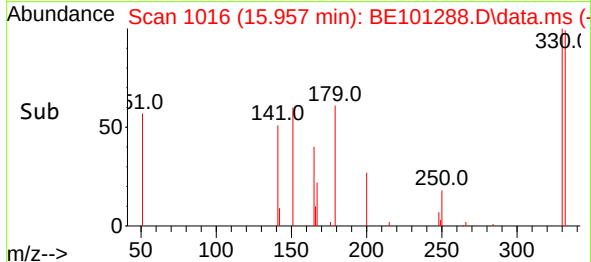
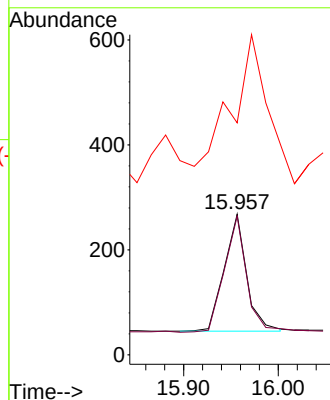
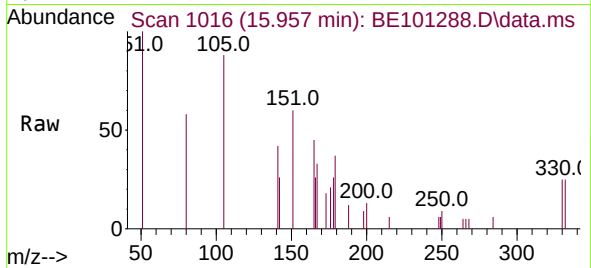




#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

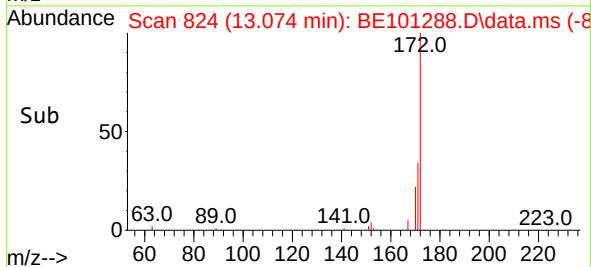
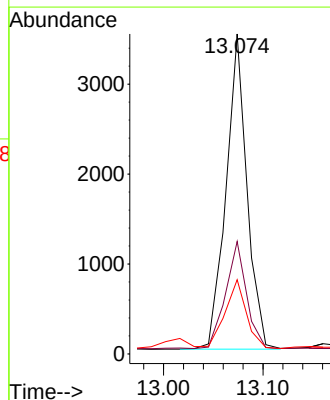
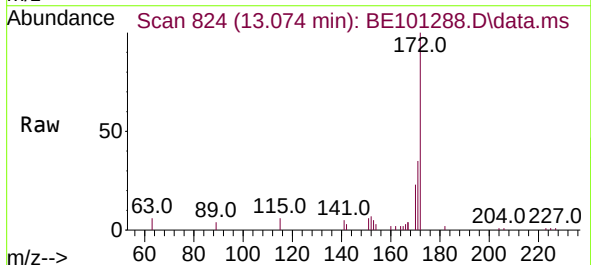
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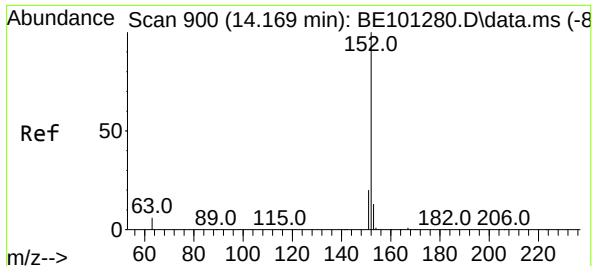
Tgt Ion: 330 Resp: 366
Ion Ratio Lower Upper
330 100
332 98.6 77.8 116.6
141 160.9 30.4 45.6#



#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

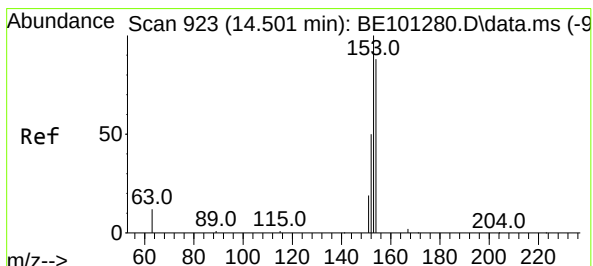
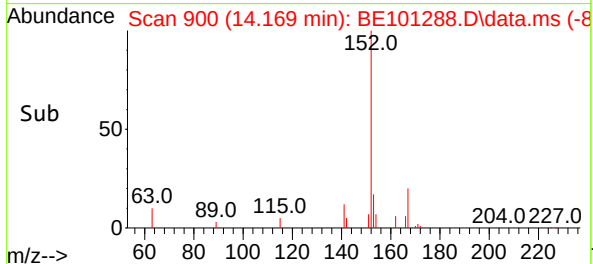
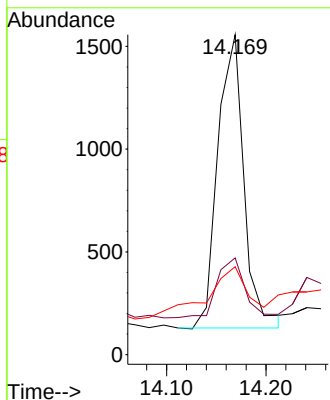
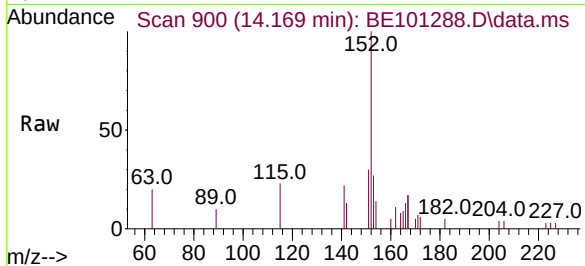




#16
Acenaphthylene
Concen: 0.06 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.000 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

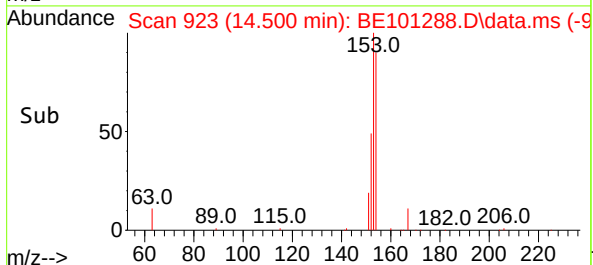
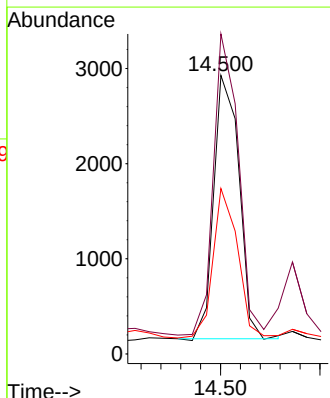
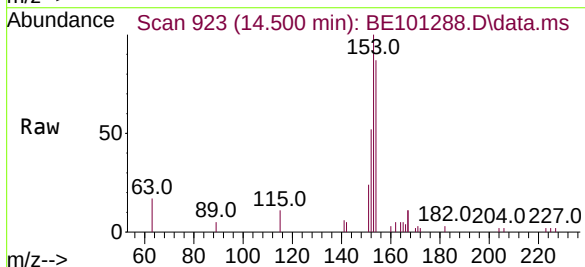
Instrument :
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MW-115RRDL

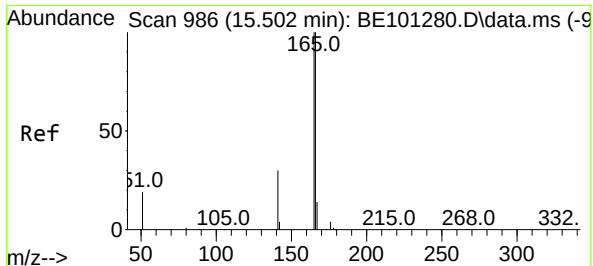
Tgt Ion:152 Resp: 2598
Ion Ratio Lower Upper
152 100
151 22.0 15.4 23.2
153 29.6 10.0 15.0#



#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

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

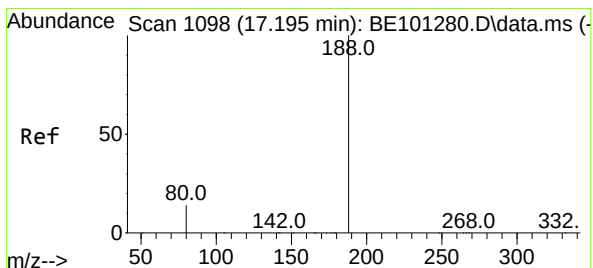
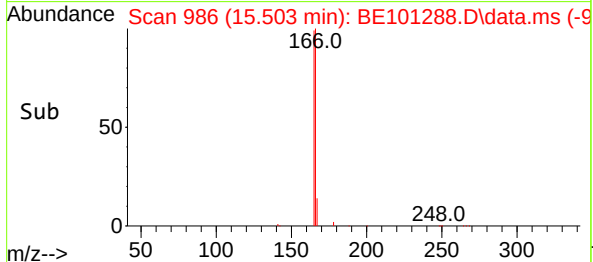
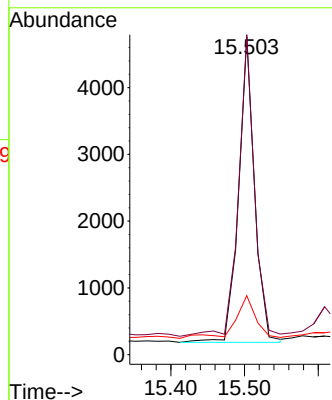
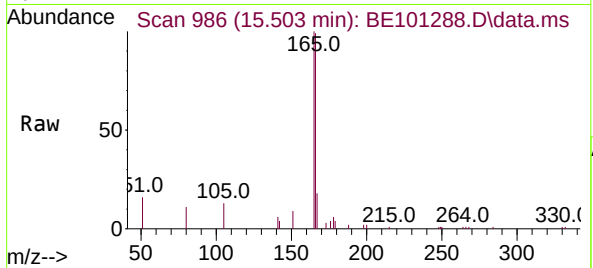




#18
Fluorene
Concen: 0.18 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

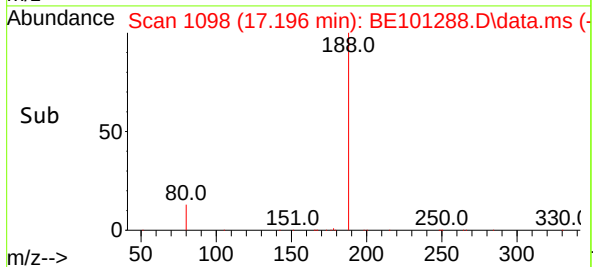
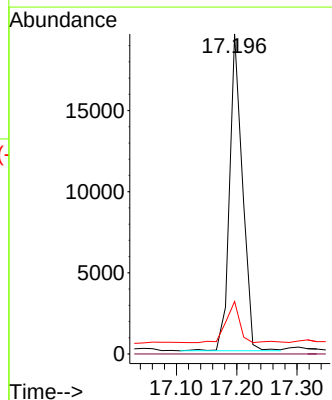
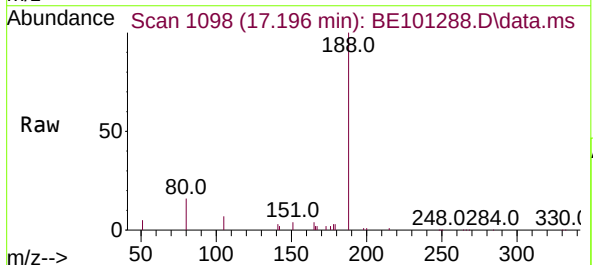
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

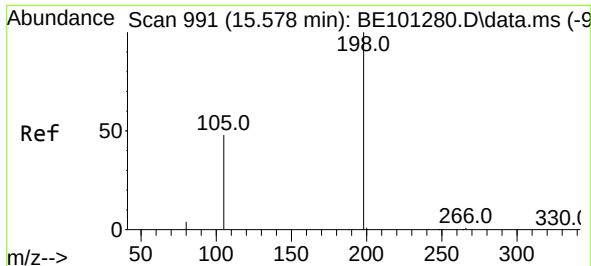
Tgt Ion:166 Resp: 6849
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 18.0 11.0 16.4#



#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

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#

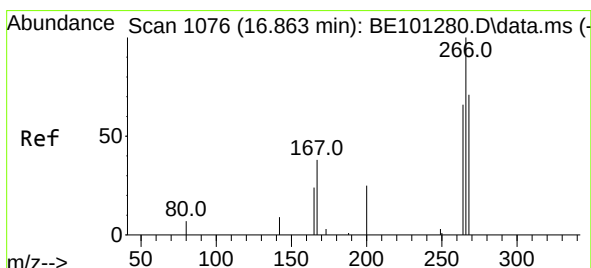
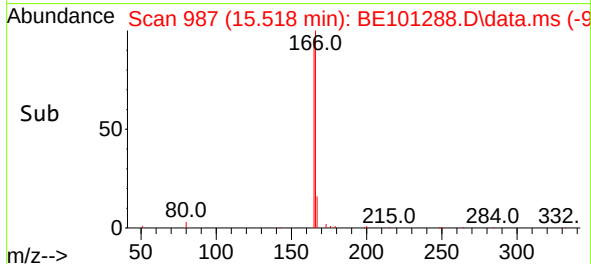
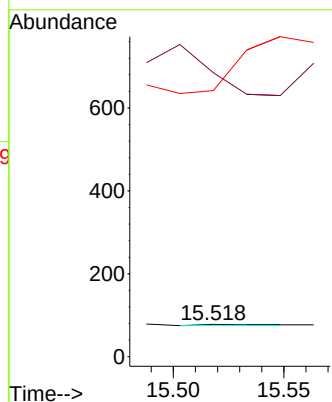
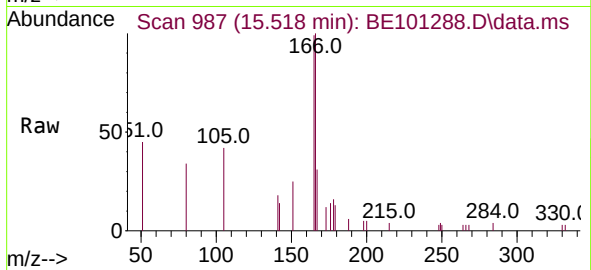




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.518 min Scan# 987
Delta R.T. -0.060 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

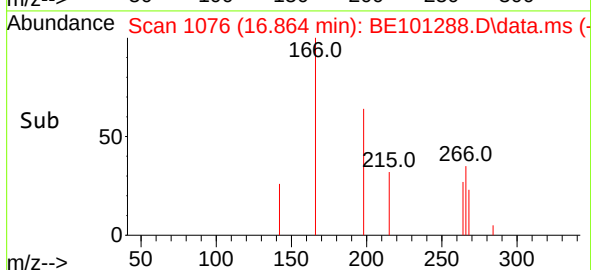
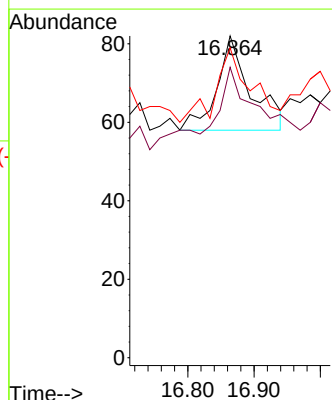
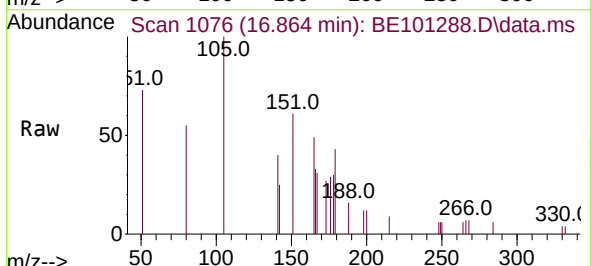
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

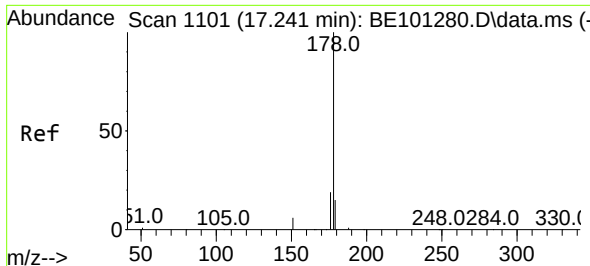
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 878.2 55.9 83.9#
105 823.1 33.6 50.4#



#24
Pentachlorophenol
Concen: 0.30 ng
RT: 16.864 min Scan# 1076
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

Tgt Ion:266 Resp: 85
Ion Ratio Lower Upper
266 100
264 65.9 49.1 73.7
268 82.4 50.6 76.0#

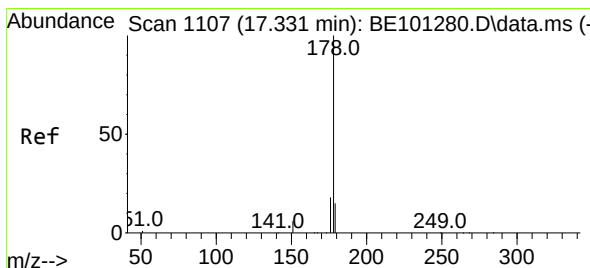
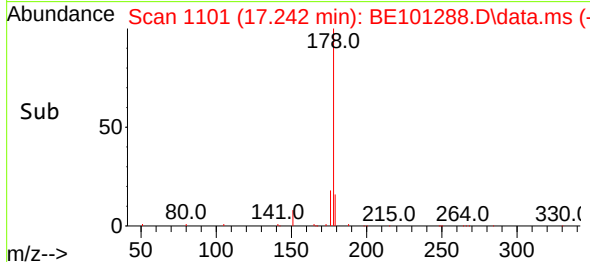
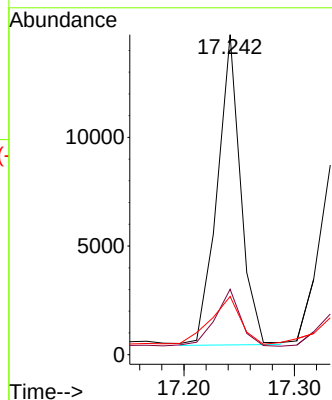
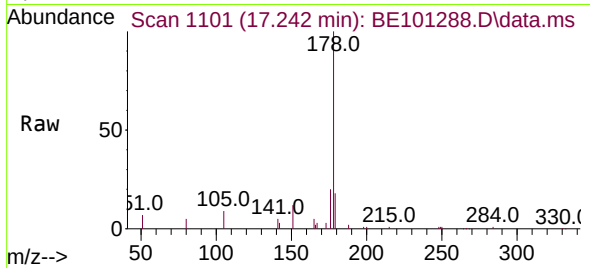




#25
Phenanthrene
Concen: 0.25 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

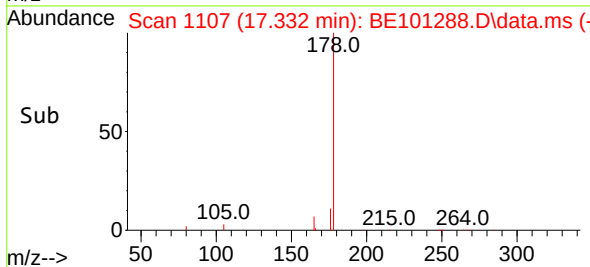
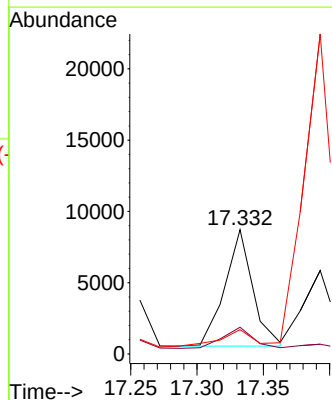
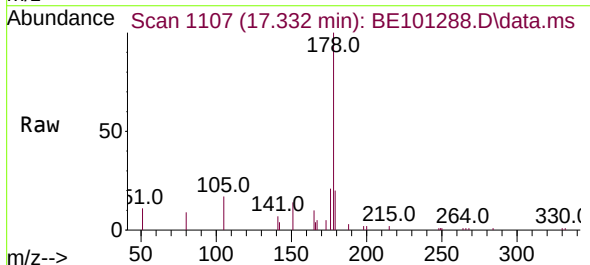
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

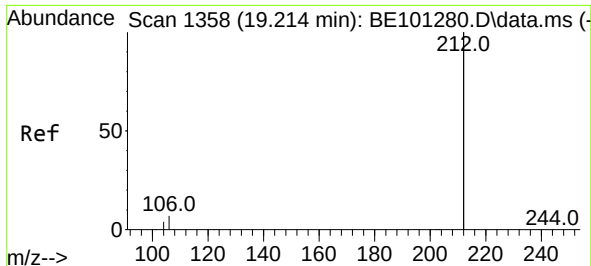
Tgt Ion:178 Resp: 20987
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.6
179 21.6 12.2 18.4#



#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

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#

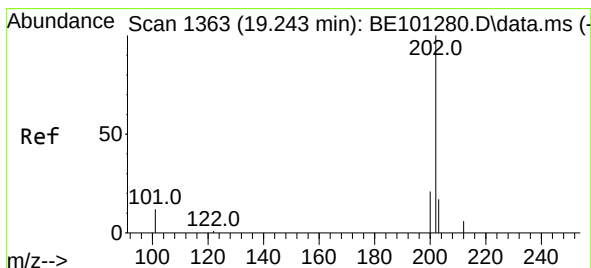
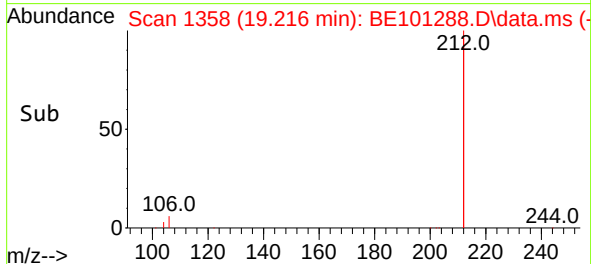
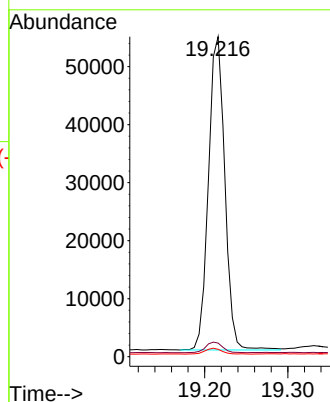
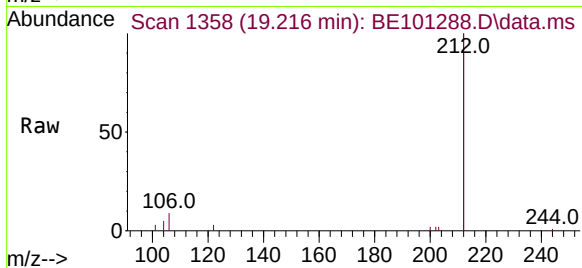




#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.216 min Scan# 1358
Delta R.T. 0.002 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

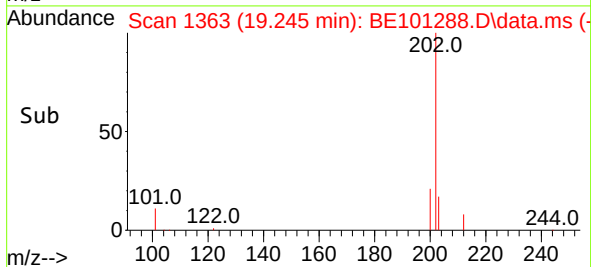
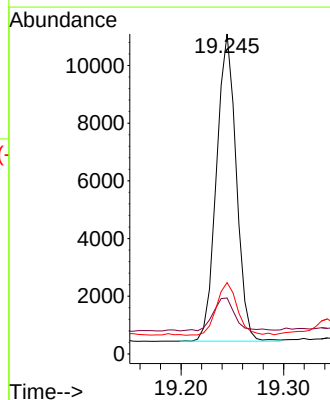
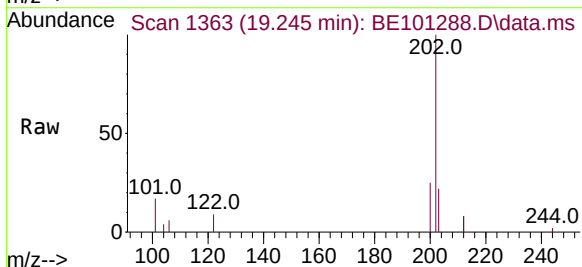
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

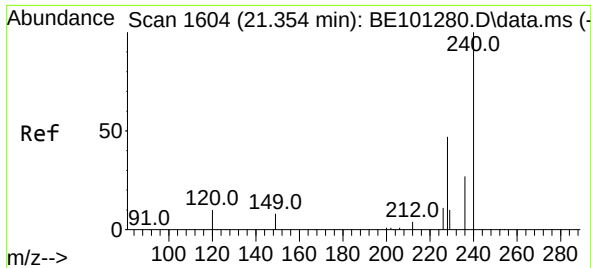
Tgt Ion:212 Resp: 73812
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 1.9 1.4 2.2



#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

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

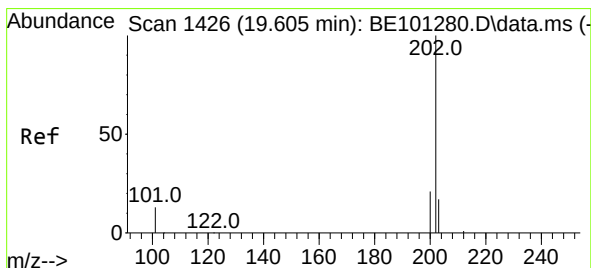
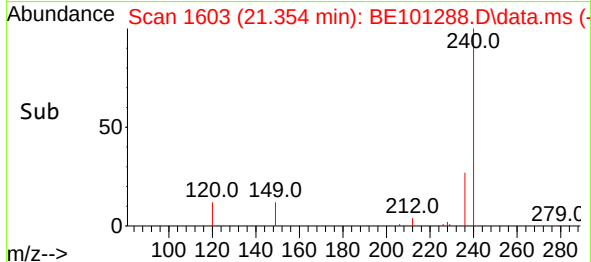
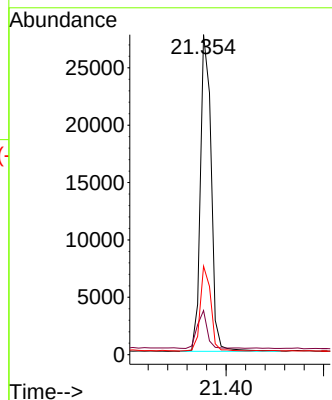
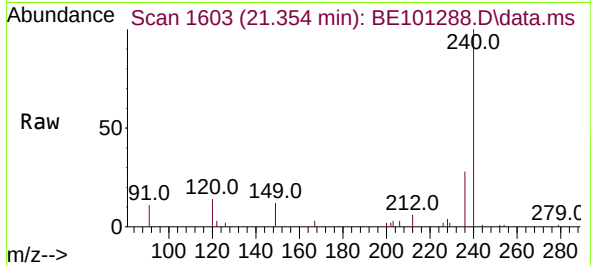




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

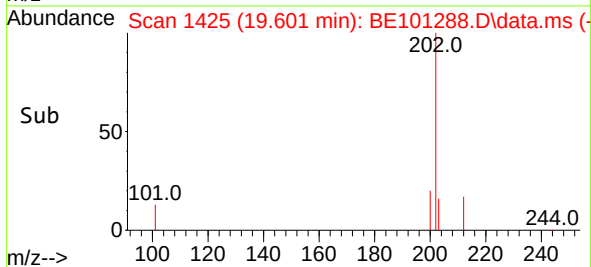
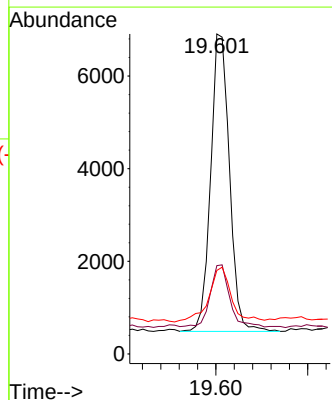
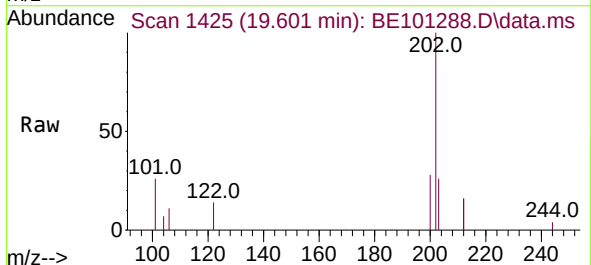
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

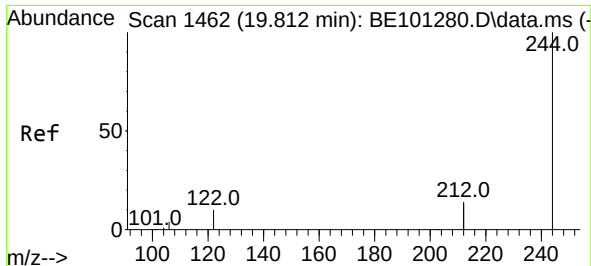
Tgt Ion:	240	Resp:	42487
Ion Ratio	Lower	Upper	
240	100		
120	13.8	10.2	15.4
236	27.7	21.7	32.5



#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

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

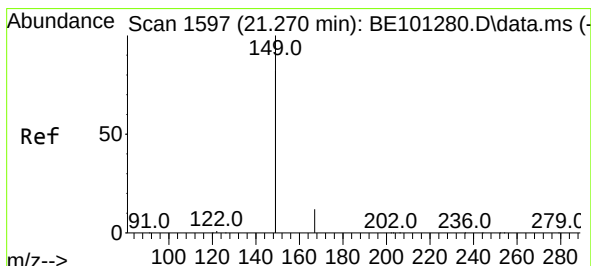
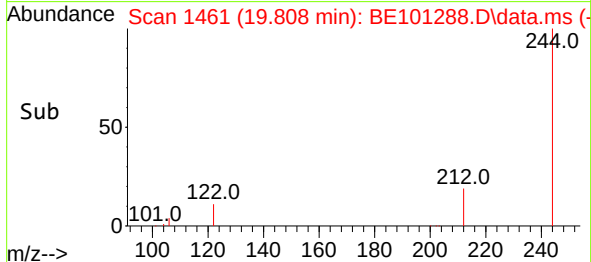
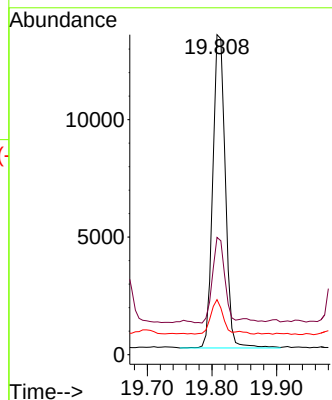
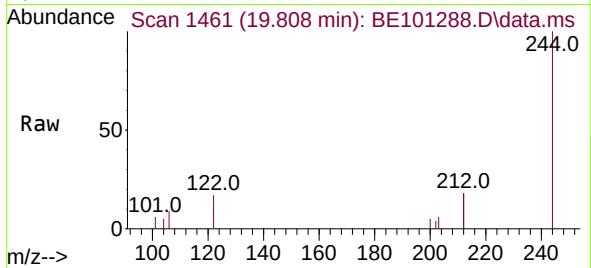




#31
Terphenyl-d14
Concen: 0.17 ng
RT: 19.808 min Scan# 1461
Delta R.T. -0.004 min
Lab File: BE101288.D
Acq: 12 Apr 2021 20:32

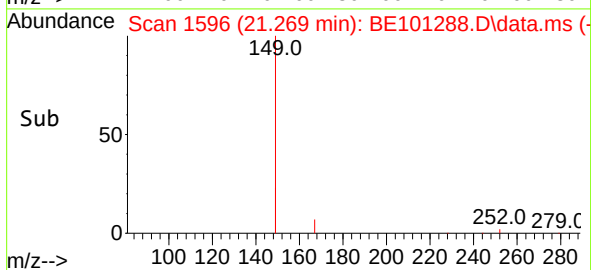
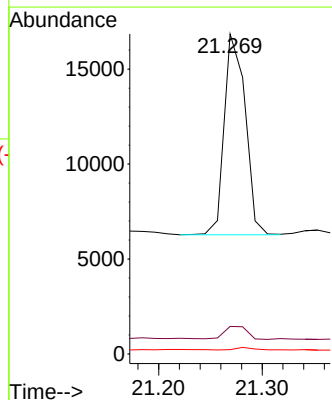
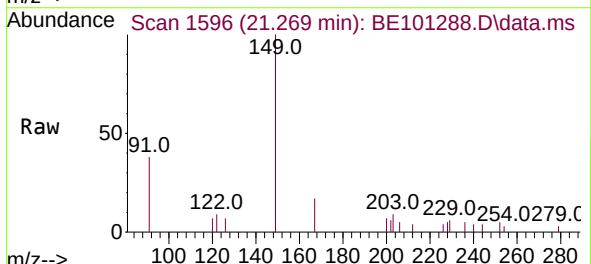
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

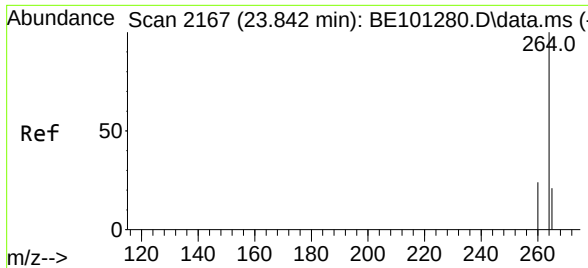
Tgt Ion:244 Resp: 17887
Ion Ratio Lower Upper
244 100
212 36.7 21.9 32.9#
122 17.2 7.3 10.9#



#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

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

Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

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

