

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
 Data File : BE101237.D
 Acq On : 7 Apr 2021 20:26
 Operator : CG/JU
 Sample : M1931-05DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-5DL

Quant Time: Apr 08 03:24:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:22:45 2021
 Response via : Initial Calibration

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

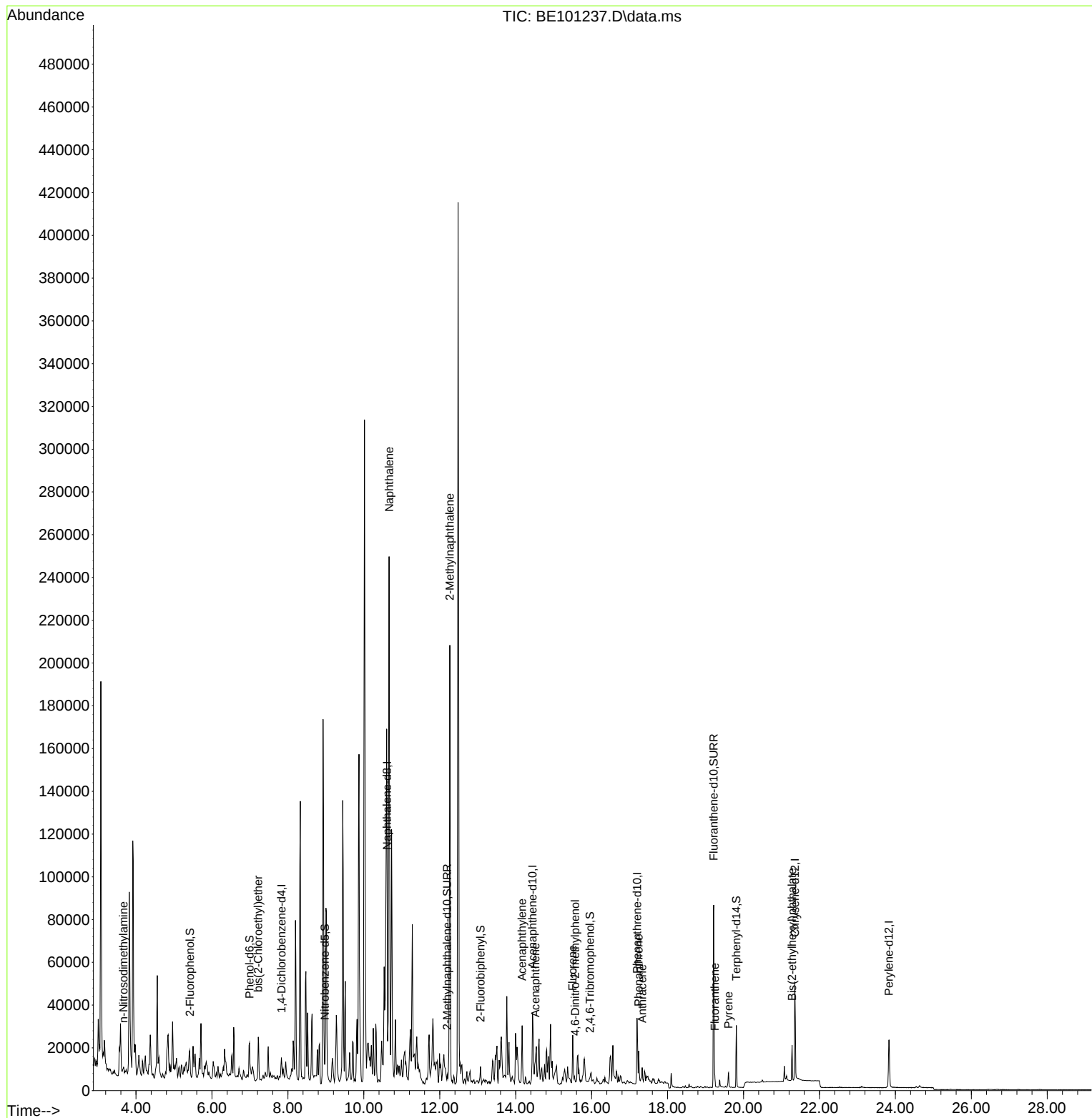
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	3871	0.40	ng	# 0.00
7) Naphthalene-d8	10.614	136	19991	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	16345	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	42796	0.40	ng	#-0.01
29) Chrysene-d12	21.353	240	45747	0.40	ng	0.00
36) Perylene-d12	23.830	264	32954	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	787	0.09	ng	0.00
5) Phenol-d6	6.989	99	752	0.05	ng	0.00
8) Nitrobenzene-d5	8.977	82	2831	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	4960	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1207	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	7174	0.12	ng	0.00
27) Fluoranthene-d10	19.215	212	114345	0.15	ng	0.00
31) Terphenyl-d14	19.813	244	26597	0.22	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.672	42	2689	0.44	ng	# 2
6) bis(2-Chloroethyl)ether	7.220	93	748	0.06	ng	# 1
9) Naphthalene	10.666	128	314880	1.45	ng	# 90
12) 2-Methylnaphthalene	12.267	142	138545	3.55	ng	98
16) Acenaphthylene	14.169	152	2643	0.04	ng	# 1
17) Acenaphthene	14.515	154	6323	0.13	ng	# 69
18) Fluorene	15.503	166	14883	0.23	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.563	198	30	0.07	ng	# 1
25) Phenanthrene	17.241	178	15737	0.12	ng	# 91
26) Anthracene	17.332	178	7314	0.07	ng	# 86
28) Fluoranthene	19.244	202	3803	0.02	ng	# 95
30) Pyrene	19.606	202	6580	0.04	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.281	149	19348	0.21	ng	98

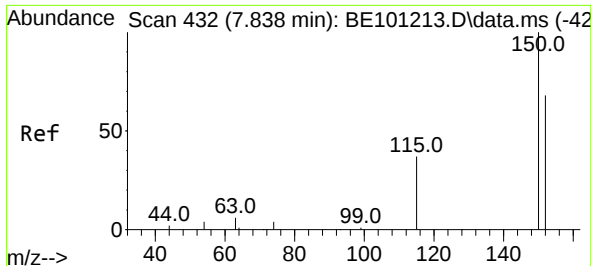
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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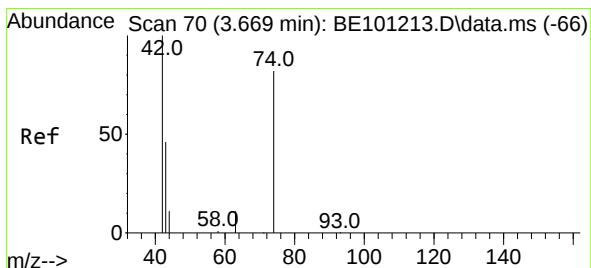
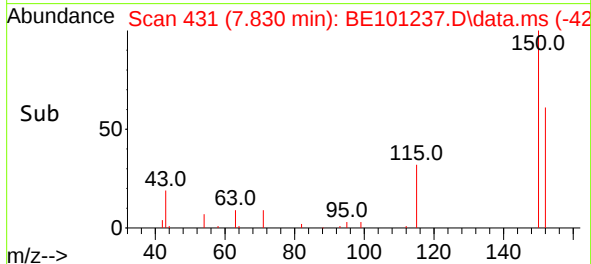
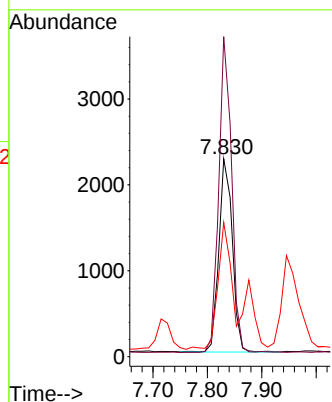
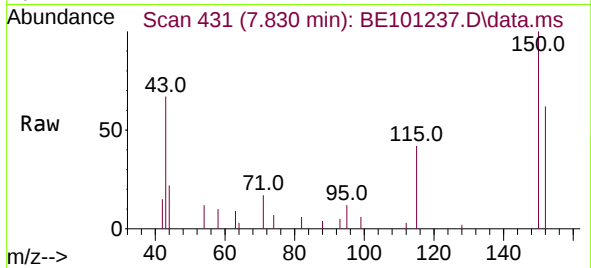




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.830 min Scan# 431
 Delta R.T. -0.000 min
 Lab File: BE101237.D
 Acq: 7 Apr 2021 20:26

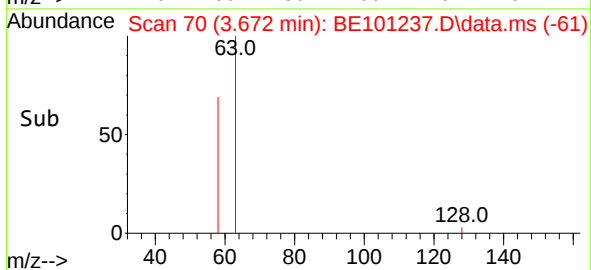
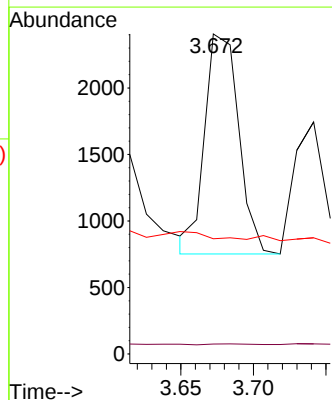
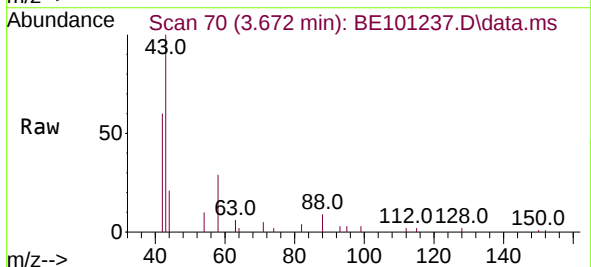
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 BNA_E
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 MW-5DL

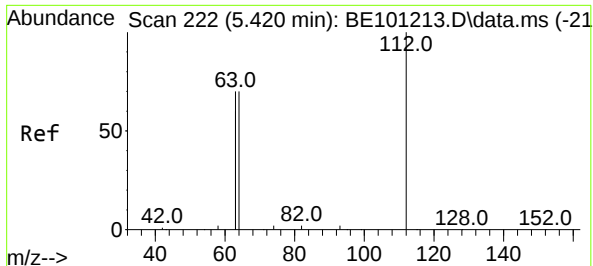
Tgt Ion:152 Resp: 3871
 Ion Ratio Lower Upper
 152 100
 150 161.7 116.9 175.3
 115 67.8 44.5 66.7#



#3
 n-Nitrosodimethylamine
 Concen: 0.44 ng
 RT: 3.672 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BE101237.D
 Acq: 7 Apr 2021 20:26

Tgt Ion: 42 Resp: 2689
 Ion Ratio Lower Upper
 42 100
 74 0.5 92.7 139.1#
 44 0.0 10.7 16.1#

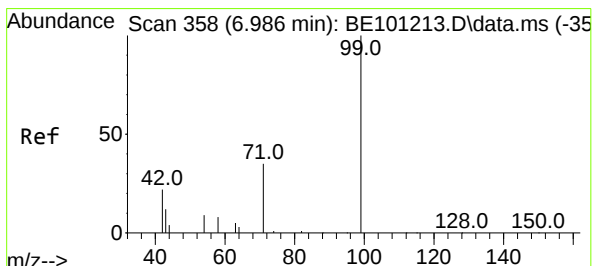
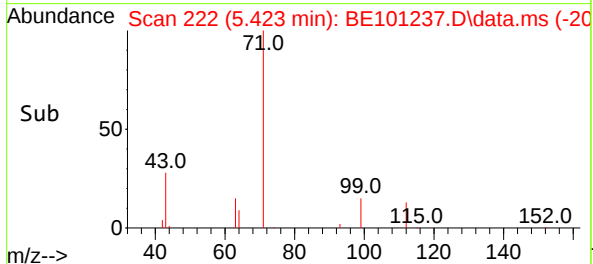
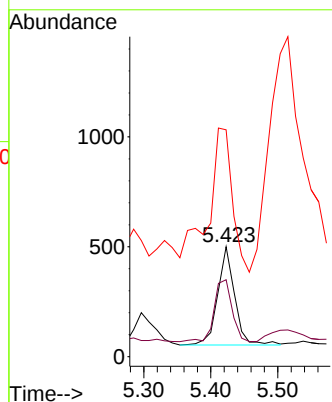
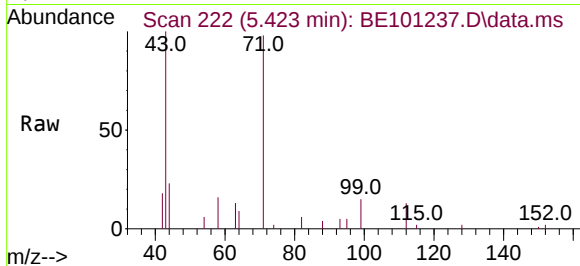




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.423 min Scan# 222
Delta R.T. 0.000 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

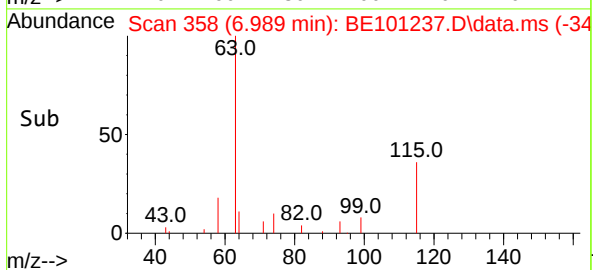
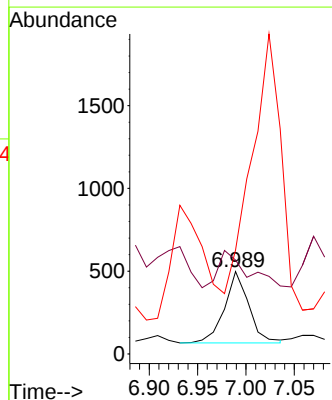
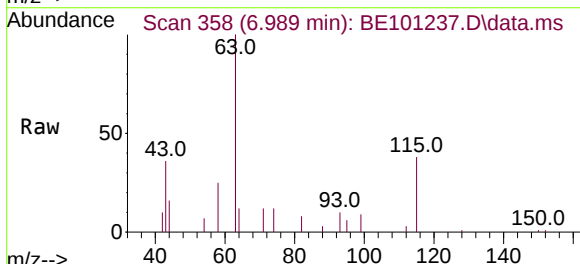
Instrument :
BNA_E
ClientSampleId :
MW-5DL

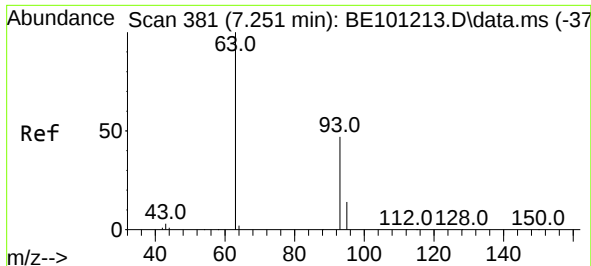
Tgt Ion:112 Resp: 787
Ion Ratio Lower Upper
112 100
64 65.9 62.3 93.5
63 212.5 117.3 175.9#



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.989 min Scan# 358
Delta R.T. 0.000 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion: 99 Resp: 752
Ion Ratio Lower Upper
99 100
42 72.5 18.5 27.7#
71 0.0 26.5 39.7#

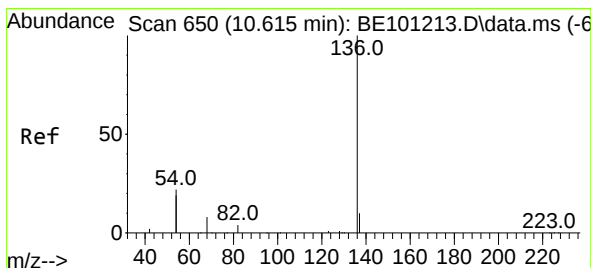
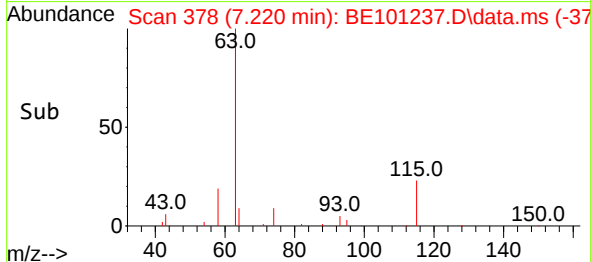
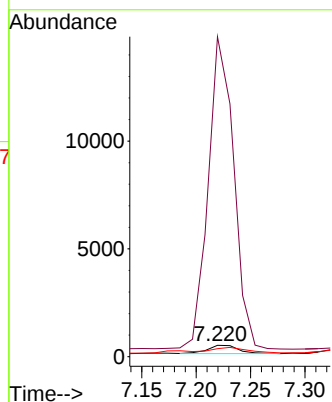
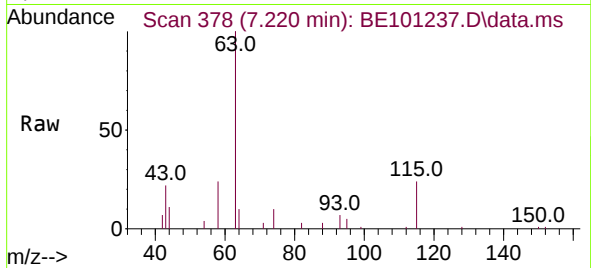




#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.220 min Scan# 378
Delta R.T. -0.034 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

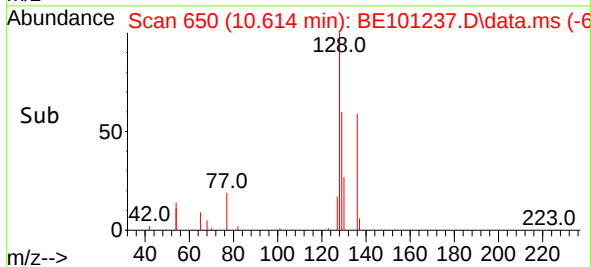
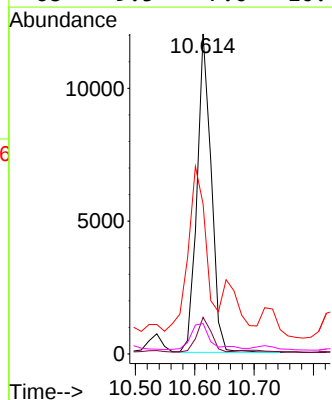
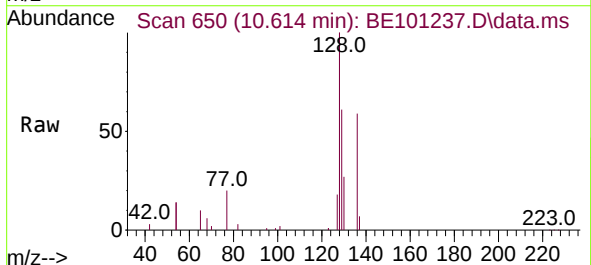
Instrument :
BNA_E
ClientSampleId :
MW-5DL

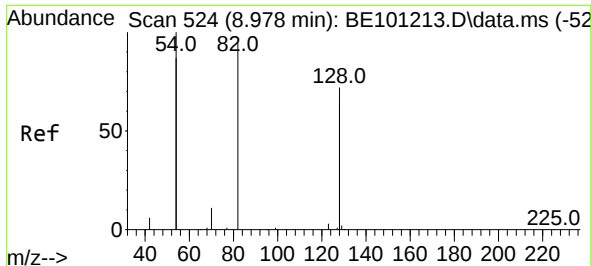
Tgt Ion: 93 Resp: 748
Ion Ratio Lower Upper
93 100
63 3178.2 292.5 438.7#
95 87.8 25.7 38.5#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion: 136 Resp: 19991
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 46.9 34.7 52.1
68 9.5 7.0 10.4

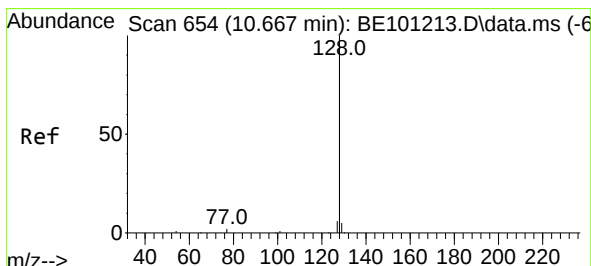
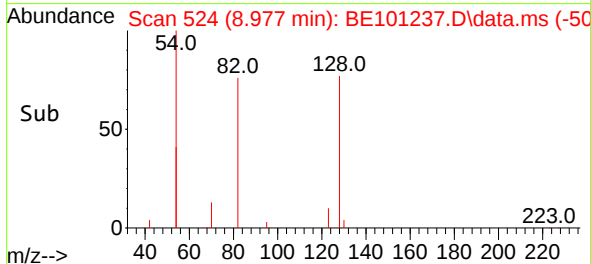
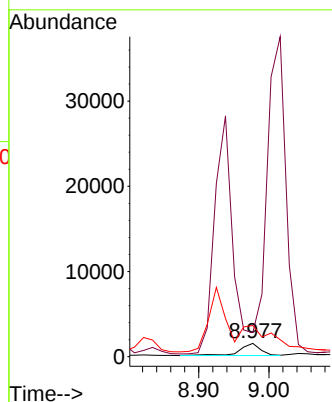
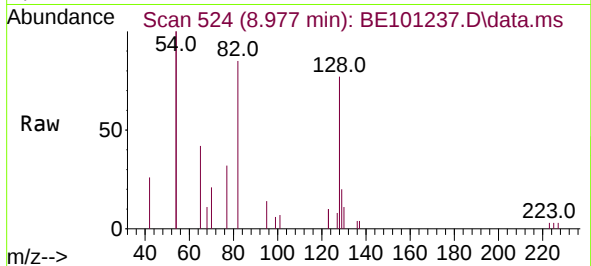




#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

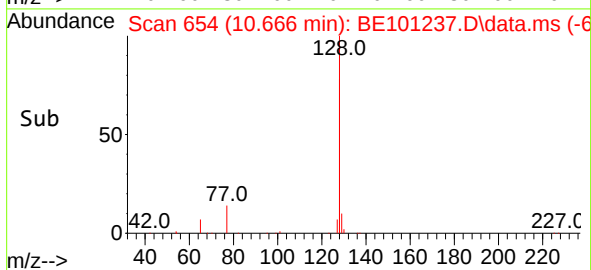
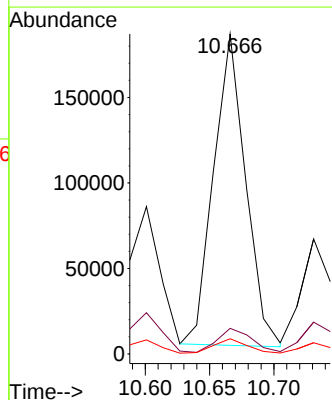
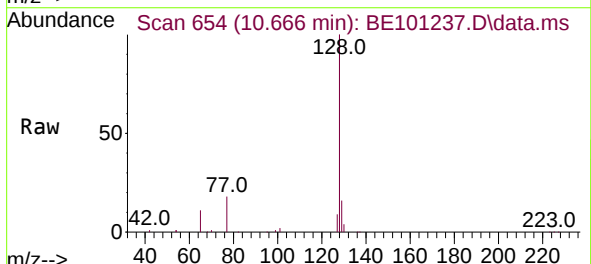
Instrument :
BNA_E
ClientSampleId :
MW-5DL

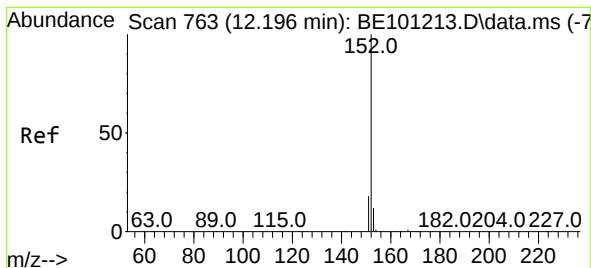
Tgt Ion: 82 Resp: 2831
Ion Ratio Lower Upper
82 100
128 179.8 118.7 178.1#
54 234.3 164.4 246.6



#9
Naphthalene
Concen: 1.45 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion: 128 Resp: 314880
Ion Ratio Lower Upper
128 100
129 8.0 2.2 3.4#
127 4.7 2.6 3.8#

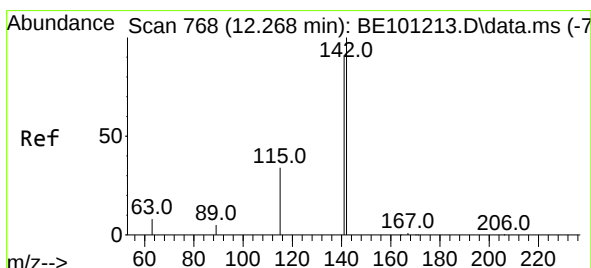
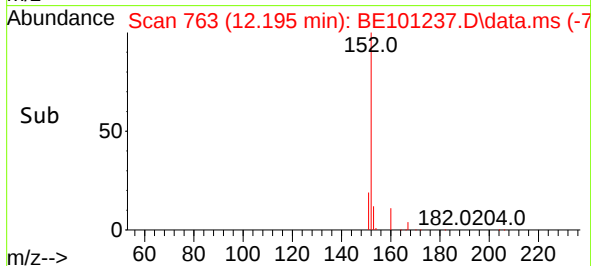
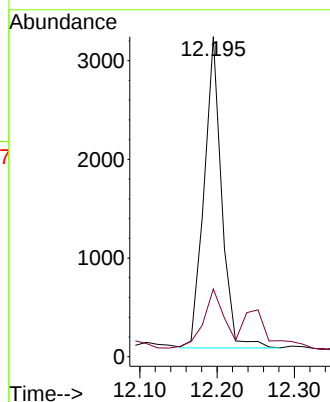
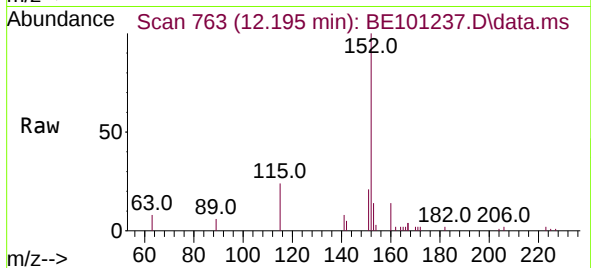




#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

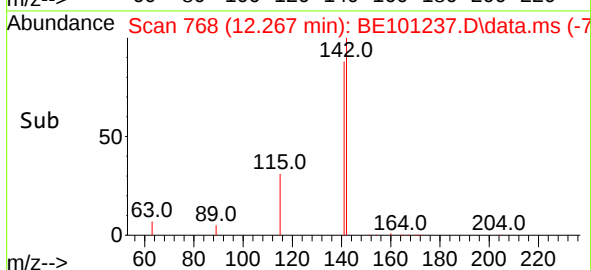
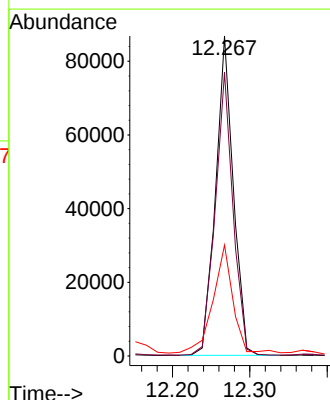
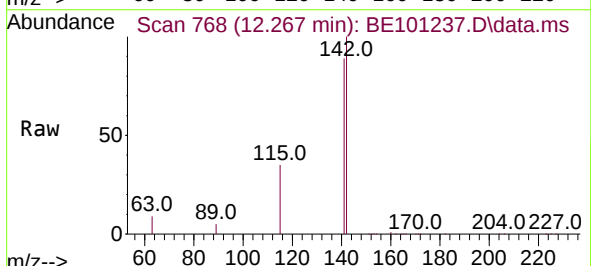
Instrument :
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ClientSampleId :
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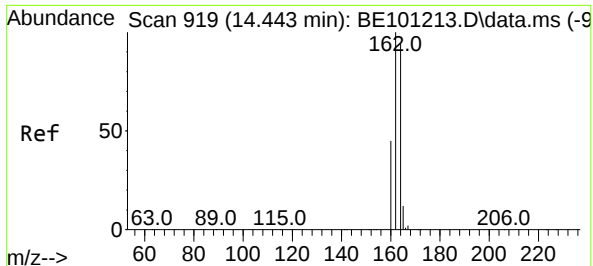
Tgt Ion:152 Resp: 4960
Ion Ratio Lower Upper
152 100
151 23.2 16.5 24.7



#12
2-Methylnaphthalene
Concen: 3.55 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:142 Resp: 138545
Ion Ratio Lower Upper
142 100
141 88.7 73.0 109.6
115 34.6 27.8 41.8





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.443 min Scan# 919

Delta R.T. -0.001 min

Lab File: BE101237.D

Acq: 7 Apr 2021 20:26

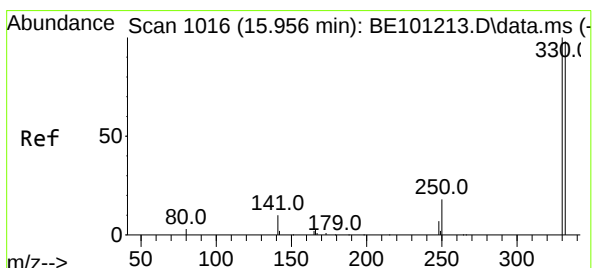
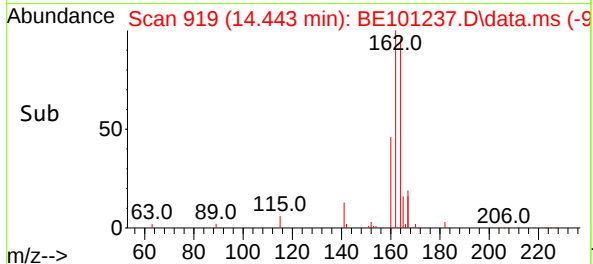
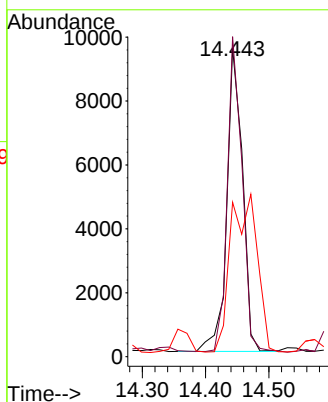
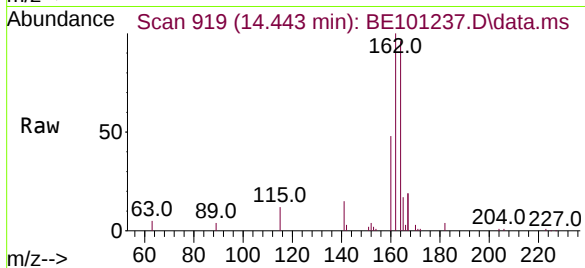
Tgt Ion:	164	Resp:	16345
Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.3	127.9
160	50.1	39.1	58.7

Instrument :

BNA_E

ClientSampleId :

MW-5DL



#14

2,4,6-Tribromophenol

Concen: 0.28 ng

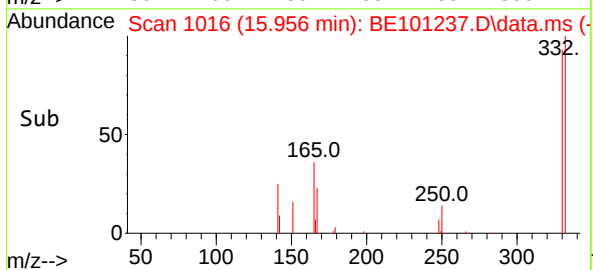
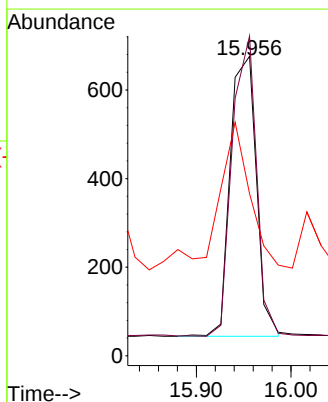
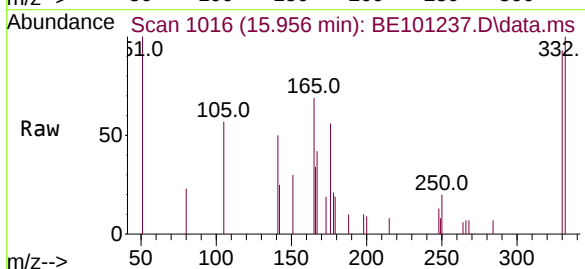
RT: 15.956 min Scan# 1016

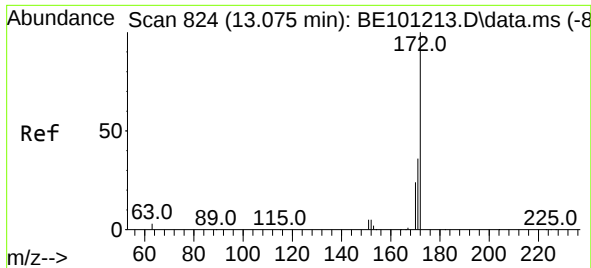
Delta R.T. 0.001 min

Lab File: BE101237.D

Acq: 7 Apr 2021 20:26

Tgt Ion:	330	Resp:	1207
Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.8	116.6
141	53.9	30.4	45.6

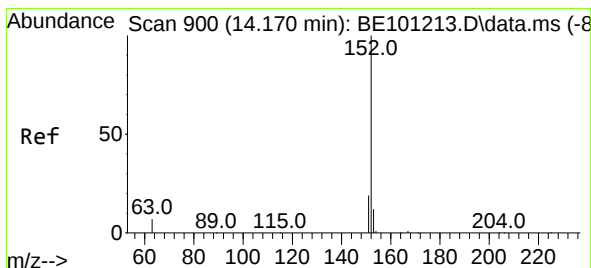
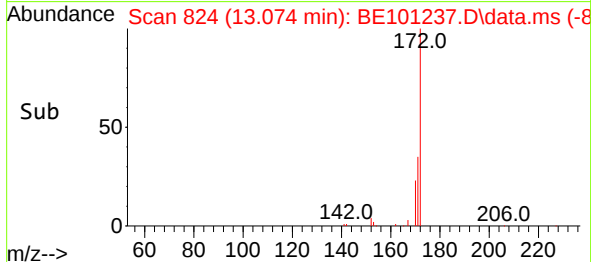
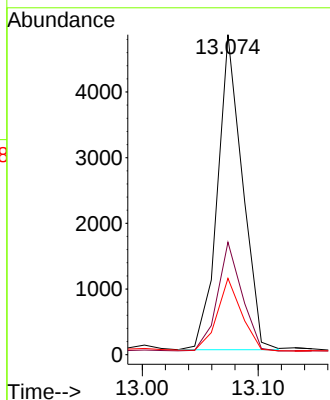
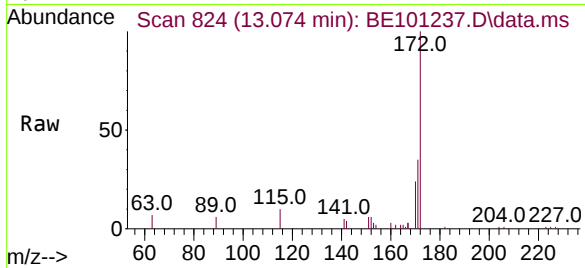




#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

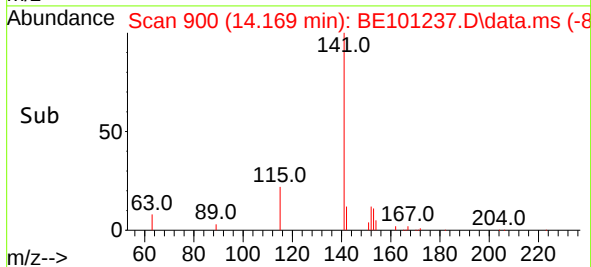
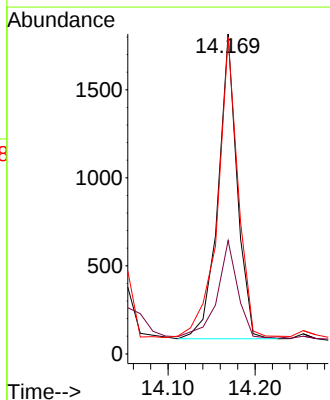
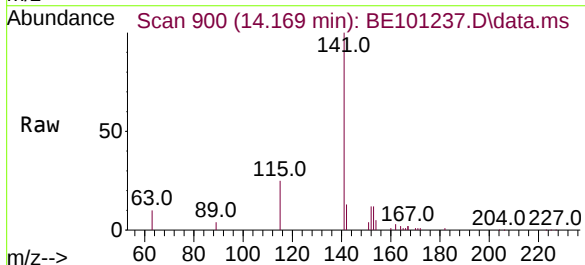
Instrument :
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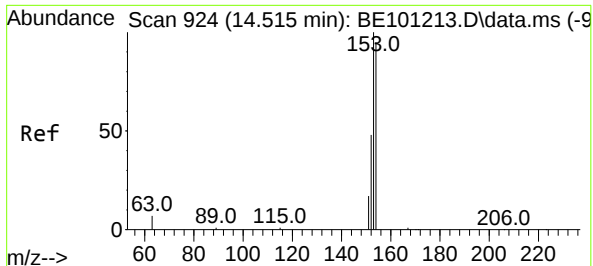
Tgt Ion:172	Resp:	7174
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.7 43.1
170	23.9	19.3 28.9



#16
Acenaphthylene
Concen: 0.04 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:152	Resp:	2643
Ion Ratio	Lower	Upper
152	100	
151	37.0	15.4 23.2#
153	104.7	10.0 15.0#





#17

Acenaphthene

Concen: 0.13 ng

RT: 14.515 min Scan# 924

Delta R.T. -0.001 min

Lab File: BE101237.D

Acq: 7 Apr 2021 20:26

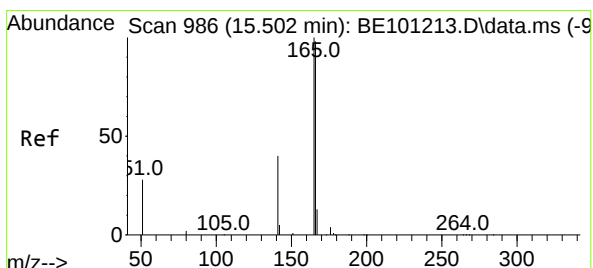
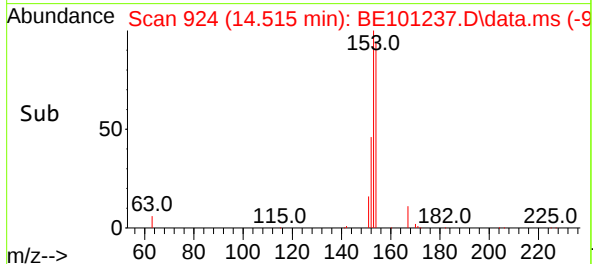
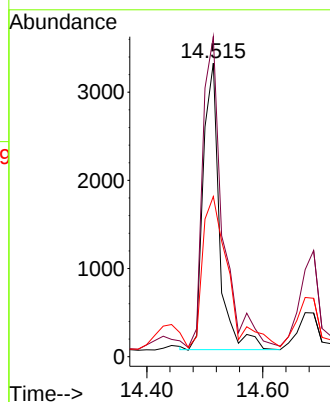
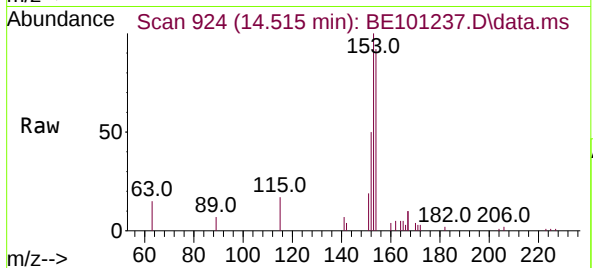
Instrument :

BNA_E

ClientSampleId :

MW-5DL

Tgt Ion:	154	Resp:	6323
Ion	Ratio	Lower	Upper
154	100		
153	133.1	84.9	127.3#
152	83.0	42.7	64.1#



#18

Fluorene

Concen: 0.23 ng

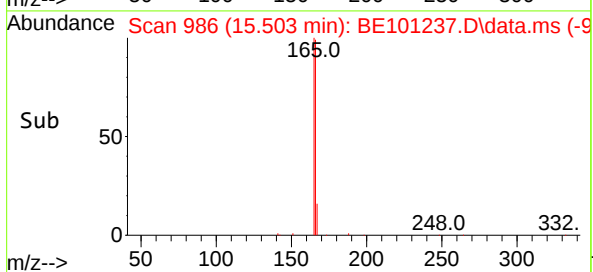
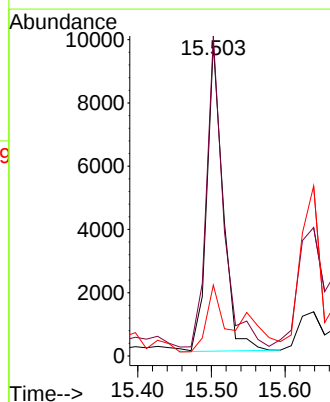
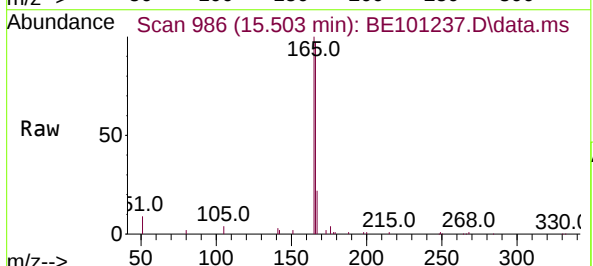
RT: 15.503 min Scan# 986

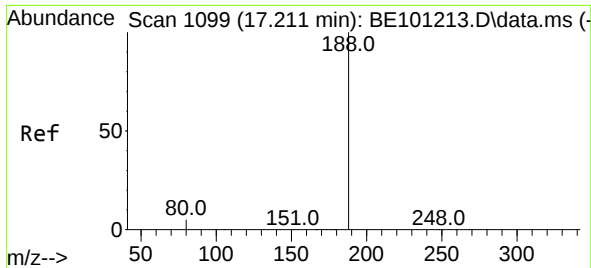
Delta R.T. 0.001 min

Lab File: BE101237.D

Acq: 7 Apr 2021 20:26

Tgt Ion:	166	Resp:	14883
Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.0	118.4
167	24.3	11.0	16.4#

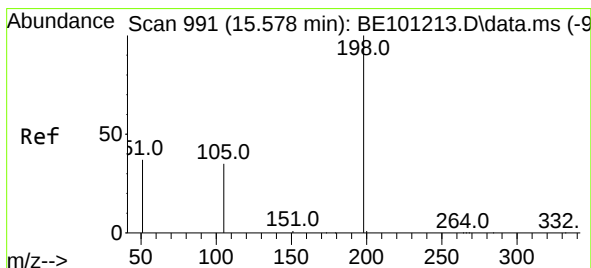
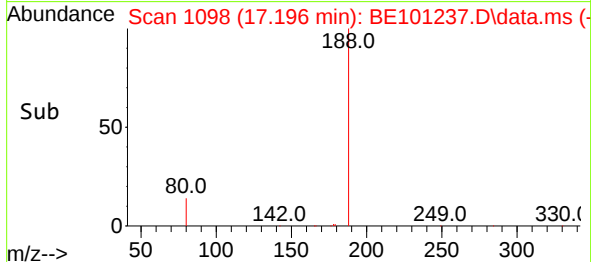
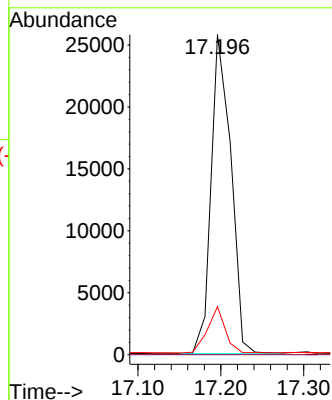
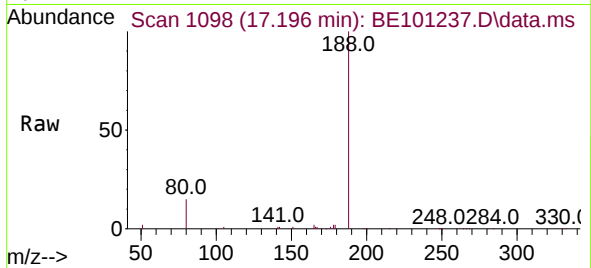




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. -0.014 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

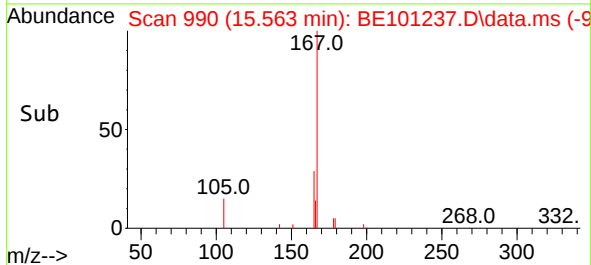
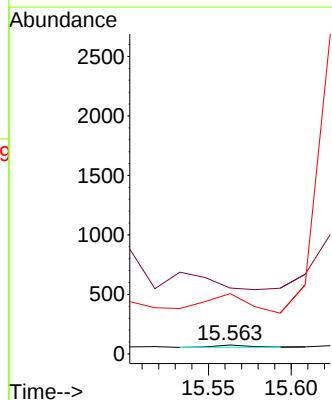
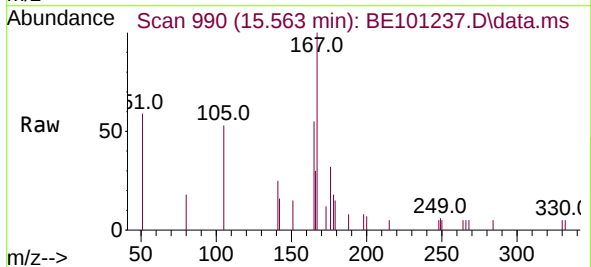
Instrument :
BNA_E
ClientSampleId :
MW-5DL

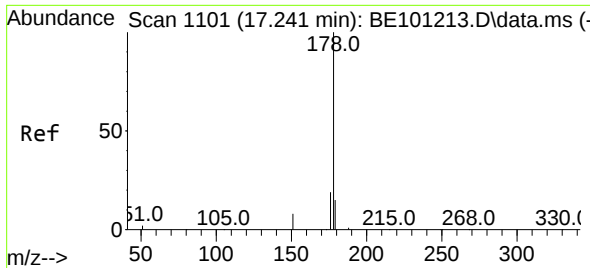
Tgt Ion:188 Resp: 42796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 4.6 6.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.07 ng
RT: 15.563 min Scan# 990
Delta R.T. -0.014 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 738.7 55.9 83.9#
105 674.7 33.6 50.4#

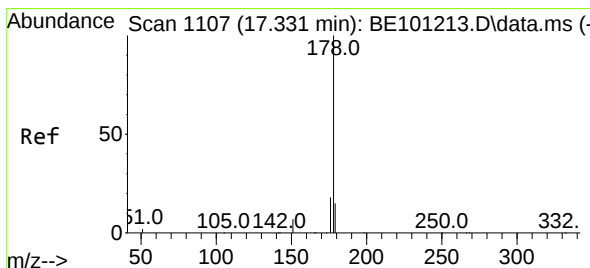
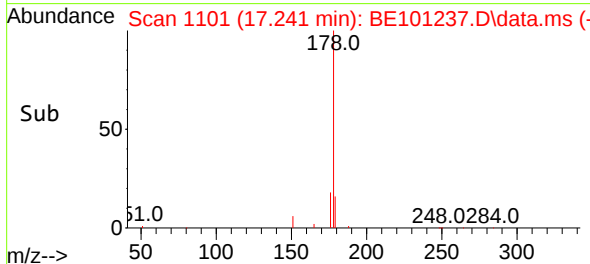
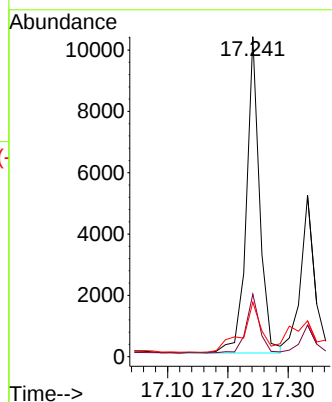
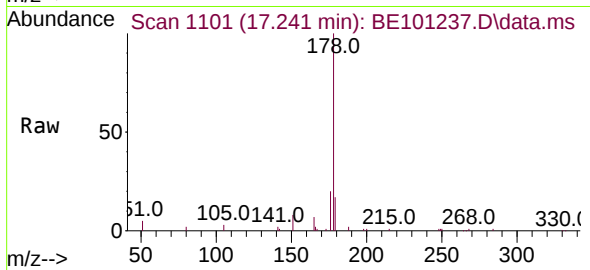




#25
Phenanthrene
Concen: 0.12 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

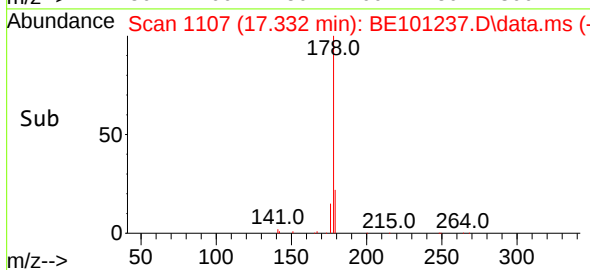
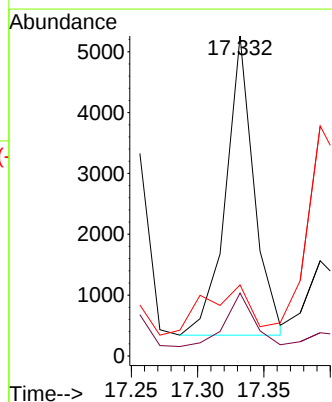
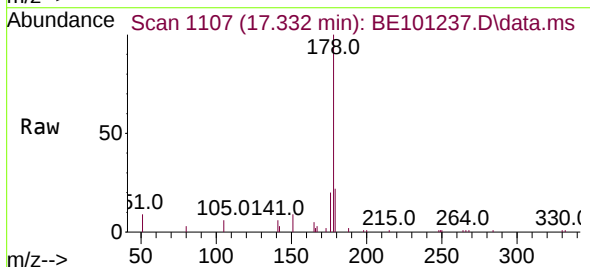
Instrument :
BNA_E
ClientSampleId :
MW-5DL

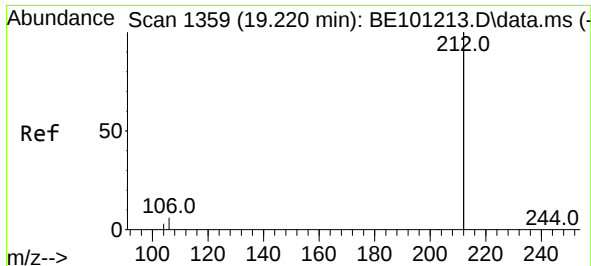
Tgt Ion:178 Resp: 15737
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 22.9 12.2 18.4#



#26
Anthracene
Concen: 0.07 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:178 Resp: 7314
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 27.1 11.8 17.8#

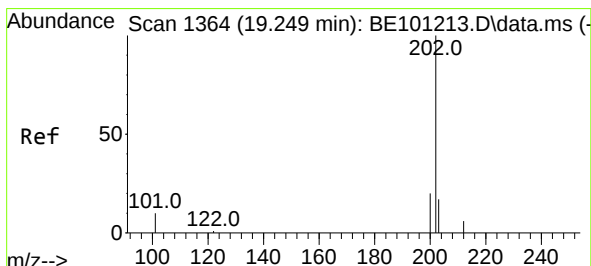
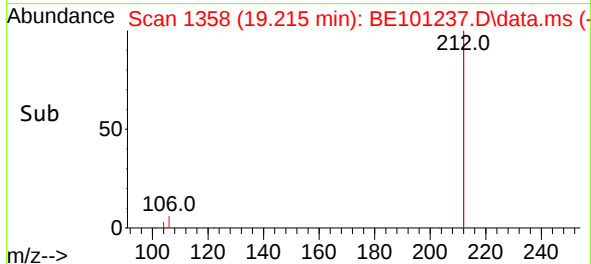
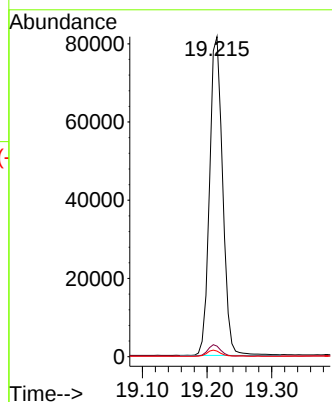
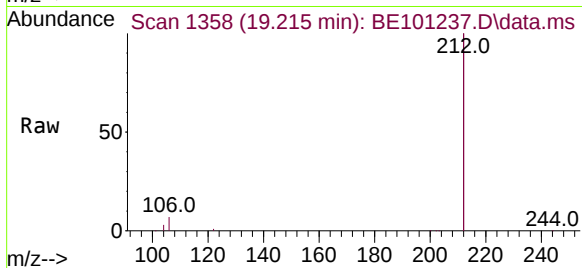




#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

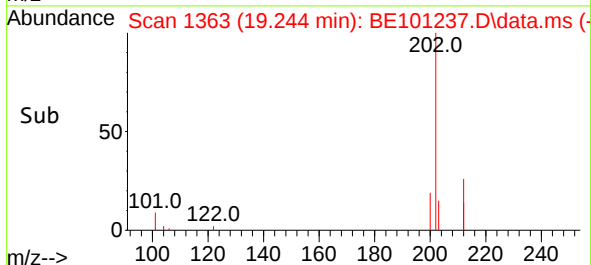
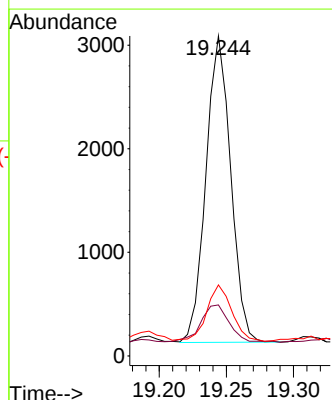
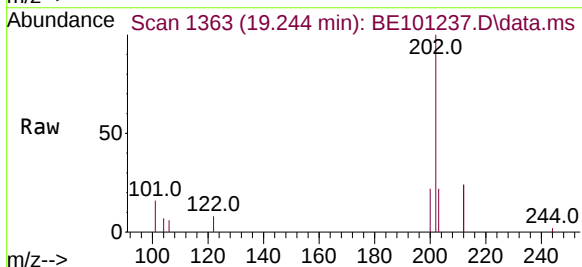
Instrument :
BNA_E
ClientSampleId :
MW-5DL

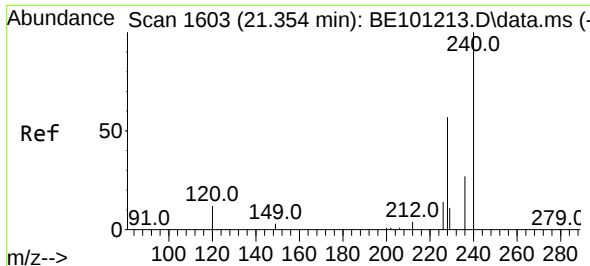
Tgt Ion:212 Resp: 114345
Ion Ratio Lower Upper
212 100
106 3.5 2.6 4.0
104 2.0 1.4 2.2



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:202 Resp: 3803
Ion Ratio Lower Upper
202 100
101 14.3 9.1 13.7#
203 18.6 13.6 20.4

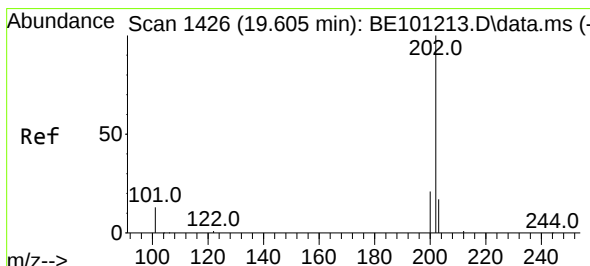
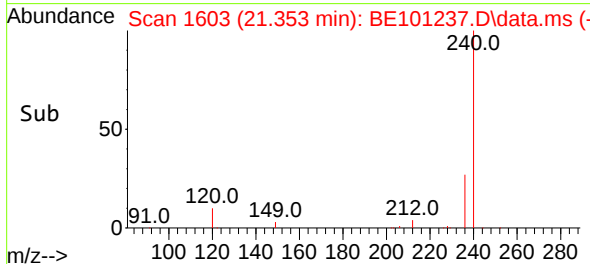
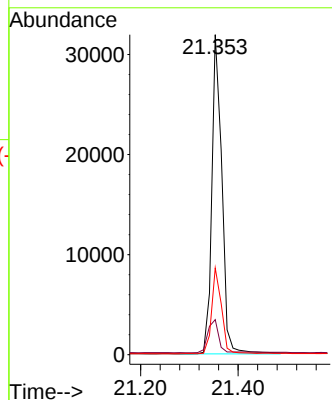
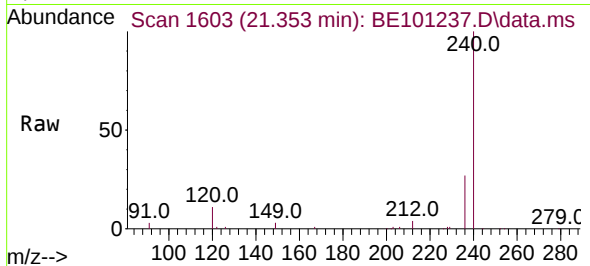




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.353 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

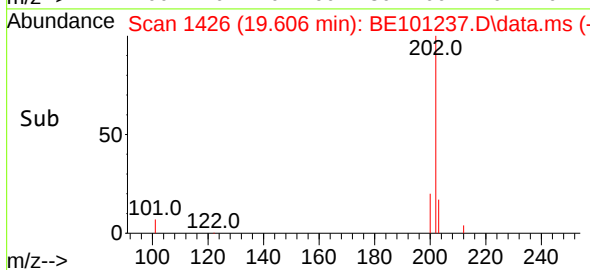
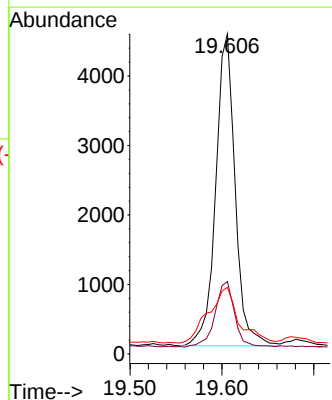
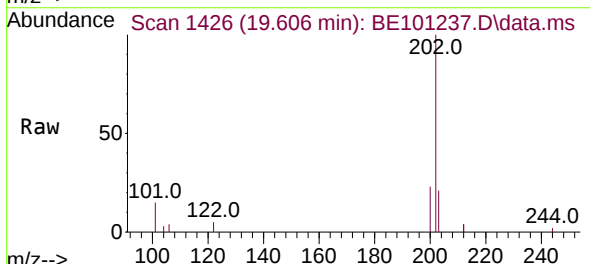
Instrument :
BNA_E
ClientSampleId :
MW-5DL

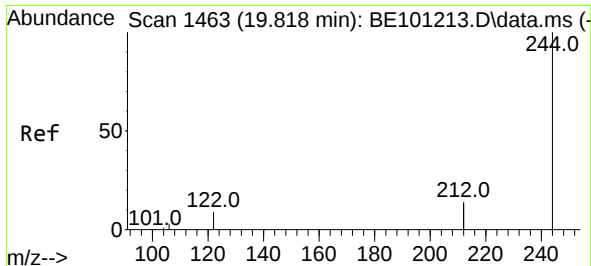
Tgt Ion:240 Resp: 45747
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 27.1 21.7 32.5



#30
Pyrene
Concen: 0.04 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:202 Resp: 6580
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 27.9 13.8 20.8#

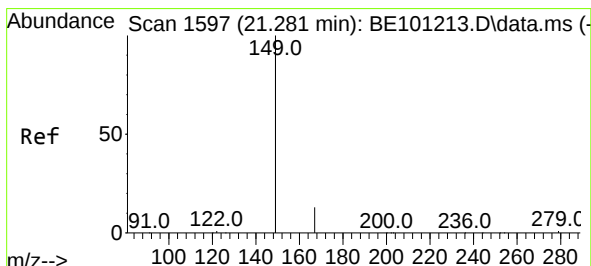
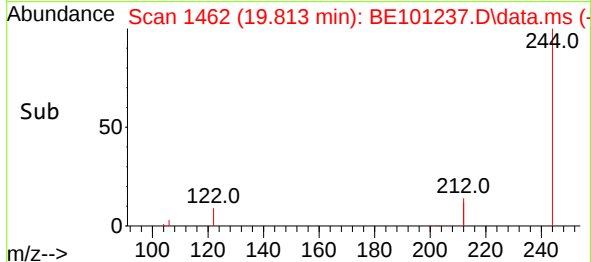
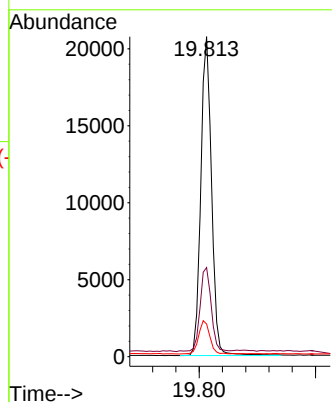
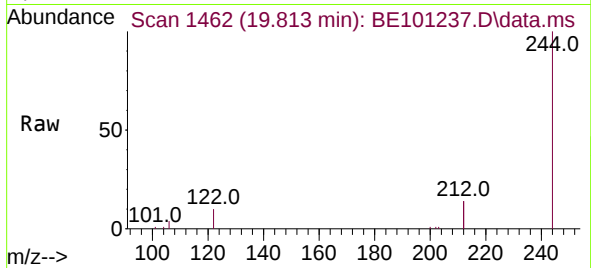




#31
 Terphenyl-d14
 Concen: 0.22 ng
 RT: 19.813 min Scan# 1462
 Delta R.T. 0.001 min
 Lab File: BE101237.D
 Acq: 7 Apr 2021 20:26

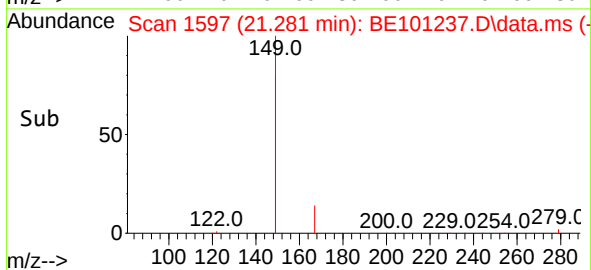
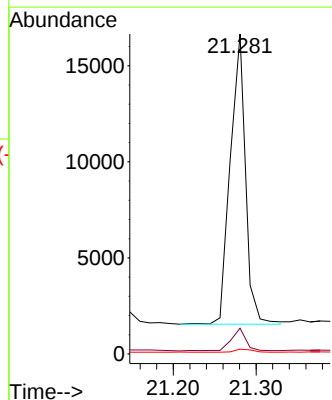
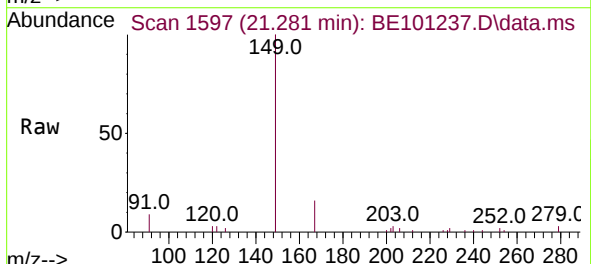
Instrument :
 BNA_E
 ClientSampleId :
 MW-5DL

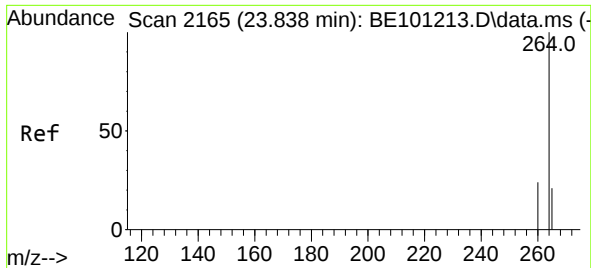
Tgt Ion:244	Resp:	26597
Ion Ratio	Lower	Upper
244	100	
212	27.8	21.9 32.9
122	10.2	7.3 10.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng
 RT: 21.281 min Scan# 1597
 Delta R.T. -0.001 min
 Lab File: BE101237.D
 Acq: 7 Apr 2021 20:26

Tgt Ion:149	Resp:	19348
Ion Ratio	Lower	Upper
149	100	
167	7.5	5.5 8.3
279	1.2	1.0 1.4





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.830 min Scan# 2163
 Delta R.T. -0.004 min
 Lab File: BE101237.D
 Acq: 7 Apr 2021 20:26

Instrument :
 BNA_E
 ClientSampleId :
 MW-5DL

Tgt Ion:264	Resp:	32954
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.3 28.9
265	25.7	22.4 33.6

