

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101264.D
 Acq On : 9 Apr 2021 6:21
 Operator : CG/JU
 Sample : M1966-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-110RR

Manual Integrations
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Quant Time: Apr 09 07:04:51 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	7.839	152	3023	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	16101	0.40	ng	# 0.00
13) Acenaphthene-d10	14.442	164	15992	0.40	ng	0.00
19) Phenanthrene-d10	17.211	188	36882	0.40	ng	# 0.00
29) Chrysene-d12	21.365	240	30526	0.40	ng	# 0.01
36) Perylene-d12	23.841	264	25364	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.409	112	2523	0.35	ng	-0.01
5) Phenol-d6	6.998	99	1081	0.10	ng	0.00
8) Nitrobenzene-d5	8.977	82	5063	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	9321m	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1216	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	14122	0.25	ng	0.00
27) Fluoranthene-d10	19.215	212	173393	0.27	ng	0.00
31) Terphenyl-d14	19.818	244	38830	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.370	88	936	0.20	ng	# 1
9) Naphthalene	10.666	128	1286776	7.35	ng	100
12) 2-Methylnaphthalene	12.267	142	4696	0.15	ng	# 91
16) Acenaphthylene	14.169	152	11241	0.18	ng	# 73
17) Acenaphthene	14.515	154	16868	0.36	ng	94
18) Fluorene	15.503	166	24795	0.40	ng	98
24) Pentachlorophenol	16.863	266	268	0.04	ng	# 77
25) Phenanthrene	17.241	178	81680m	0.75	ng	
26) Anthracene	17.332	178	61838	0.66	ng	98
28) Fluoranthene	19.249	202	78157	0.55	ng	98
30) Pyrene	19.605	202	64551	0.59	ng	98
32) Benzo(a)anthracene	21.341	228	22707	0.26	ng	# 91
33) Chrysene	21.401	228	19658	0.19	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.280	149	20342	0.33	ng	97
35) Indeno(1,2,3-cd)pyrene	26.448	276	11332	0.15	ng	99
37) Benzo(b)fluoranthene	23.078	252	17251	0.21	ng	# 87
38) Benzo(k)fluoranthene	23.128	252	13937	0.15	ng	# 84
39) Benzo(a)pyrene	23.727	252	12846	0.18	ng	# 84
40) Dibenzo(a,h)anthracene	26.477	278	7913	0.12	ng	# 85
41) Benzo(g,h,i)perylene	27.251	276	10281	0.14	ng	# 90

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

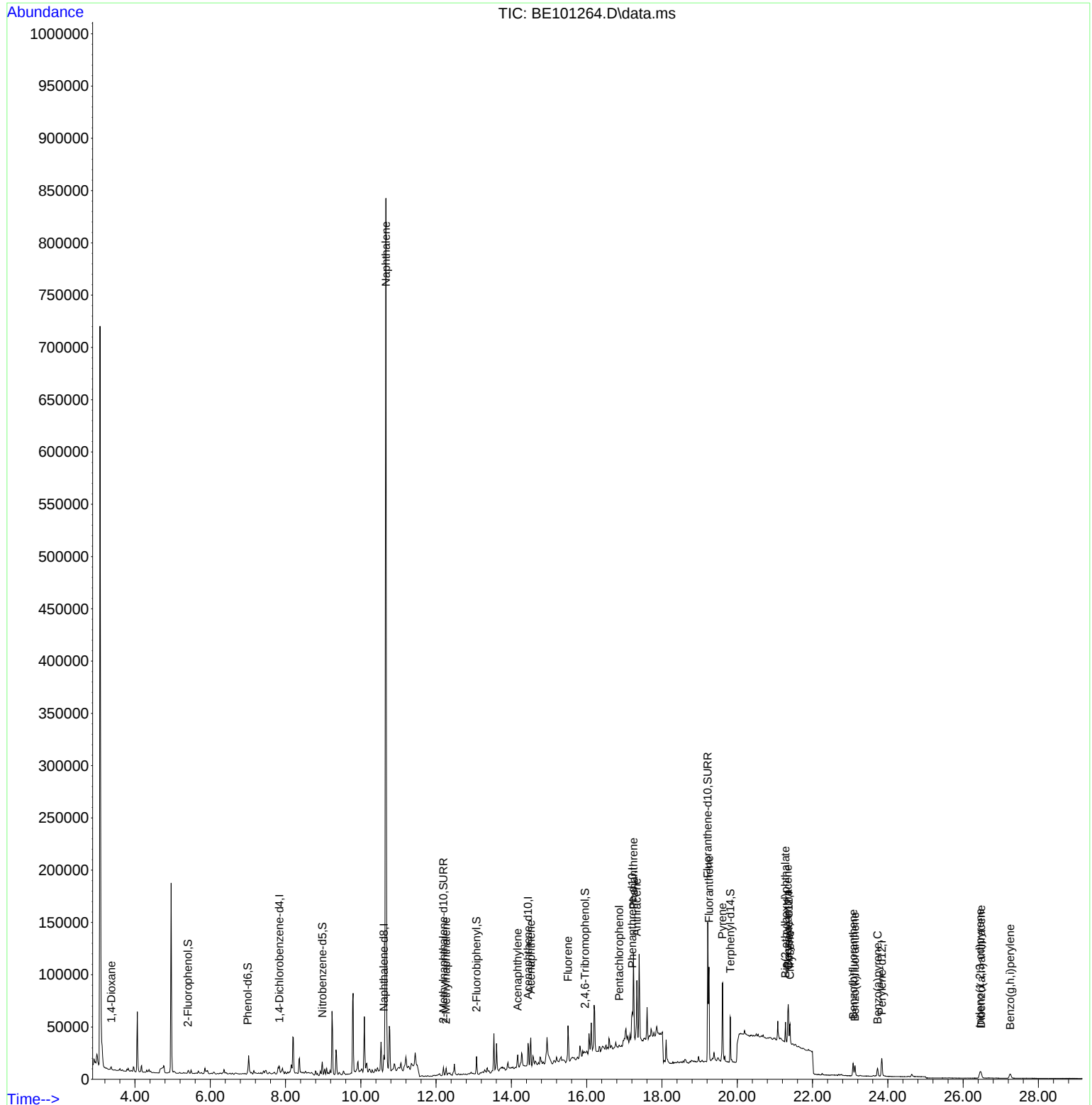
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101264.D
Acq On : 9 Apr 2021 6:21
Operator : CG/JU
Sample : M1966-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

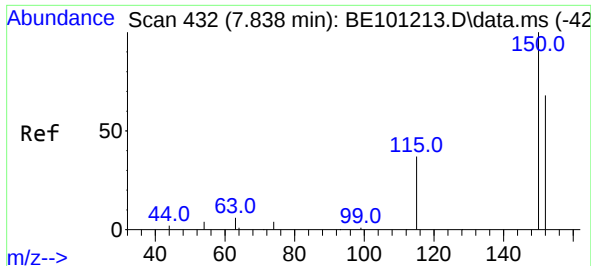
Instrument :
BNA_E
ClientSampleId :
MW-110RR

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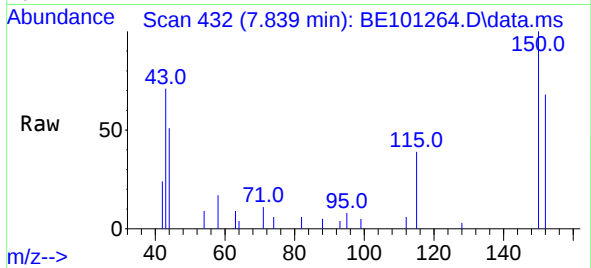
Quant Time: Apr 09 07:04:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.839 min Scan# 432
 Delta R.T. 0.009 min
 Lab File: BE101264.D
 Acq: 9 Apr 2021 6:21

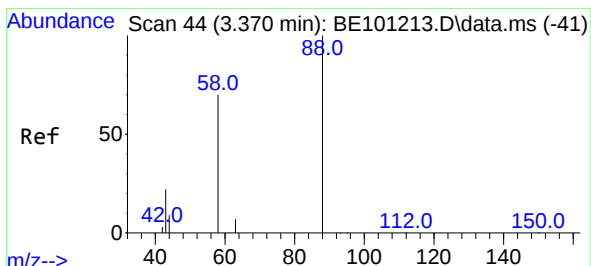
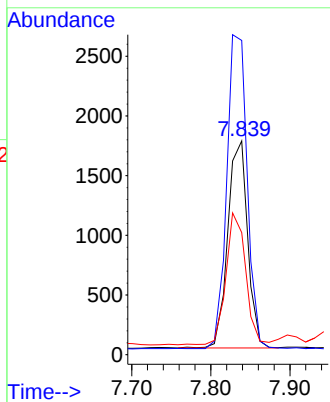
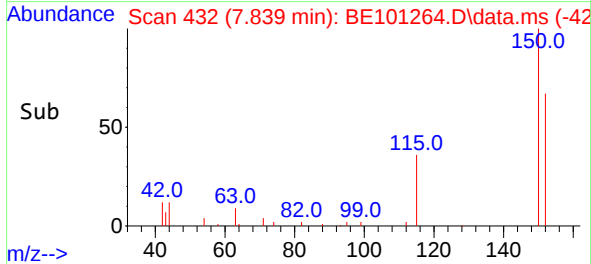
Instrument :
 BNA_E
 ClientSampled :
 MW-110RR



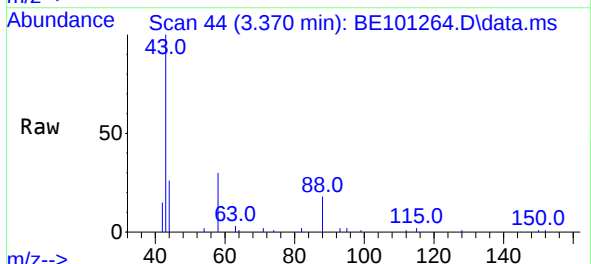
Tgt Ion: 152 Resp: 3023
 Ion Ratio Lower Upper
 152 100
 150 147.0 116.9 175.3
 115 57.1 44.5 66.7

Manual Integrations
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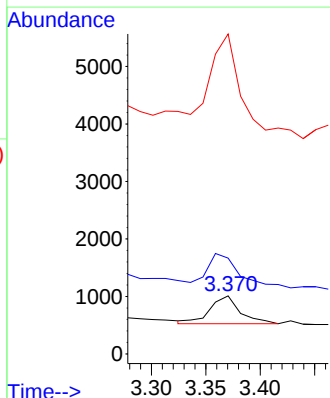
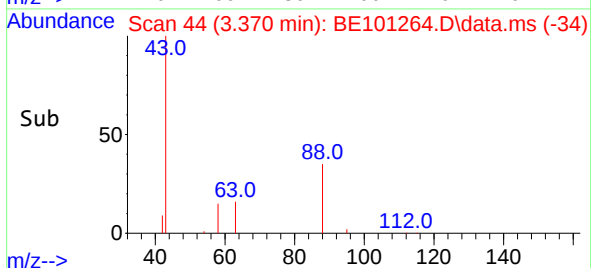
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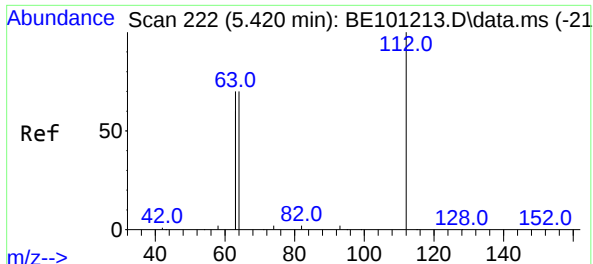


#2
 1,4-Dioxane
 Concen: 0.20 ng
 RT: 3.370 min Scan# 44
 Delta R.T. 0.009 min
 Lab File: BE101264.D
 Acq: 9 Apr 2021 6:21



Tgt Ion: 88 Resp: 936
 Ion Ratio Lower Upper
 88 100
 58 98.9 73.6 110.4
 43 312.9 27.6 41.4#





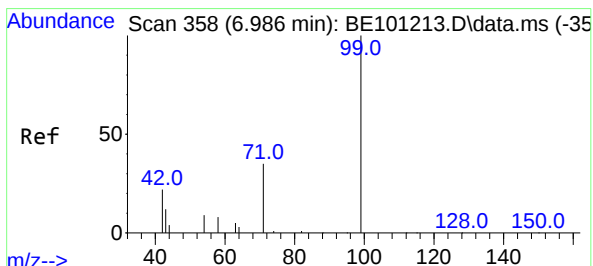
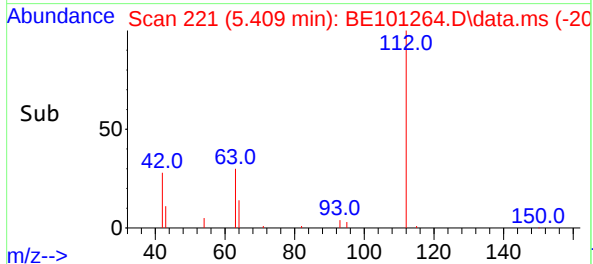
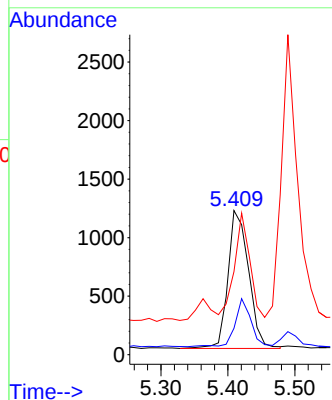
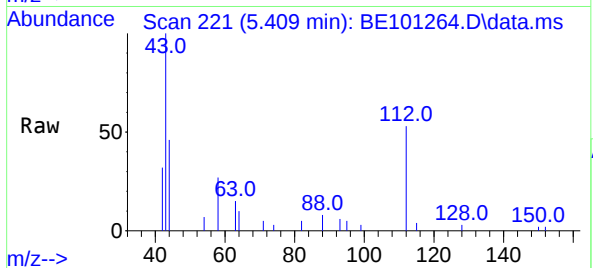
#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.409 min Scan# 221
Delta R.T. -0.014 min
Lab File: BE101264.D
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ClientSampleId :
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Tgt Ion: 112 Resp: 2523
Ion Ratio Lower Upper
112 100
64 27.1 62.3 93.5#
63 60.6 117.3 175.9#

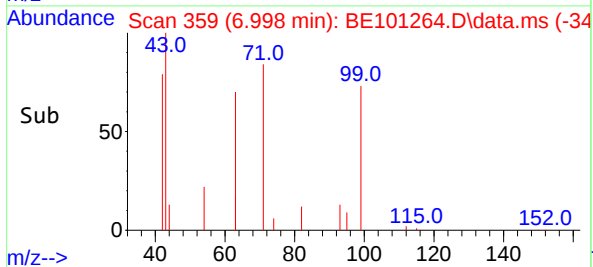
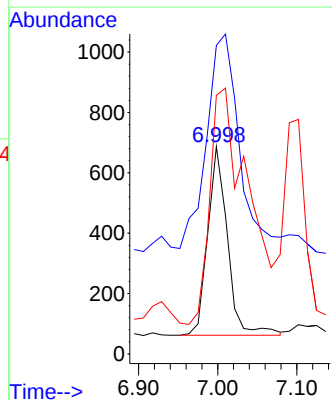
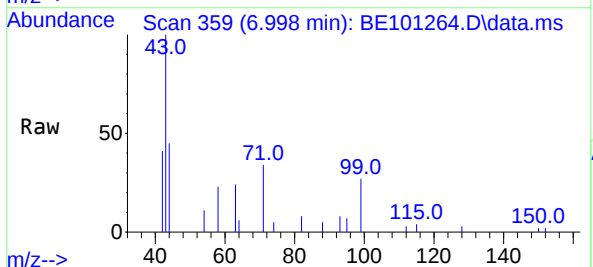
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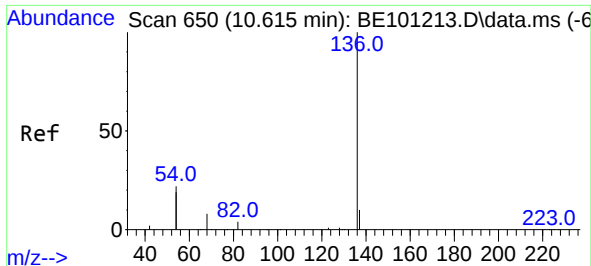
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#5
Phenol-d6
Concen: 0.10 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.009 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion: 99 Resp: 1081
Ion Ratio Lower Upper
99 100
42 208.0 18.5 27.7#
71 240.6 26.5 39.7#





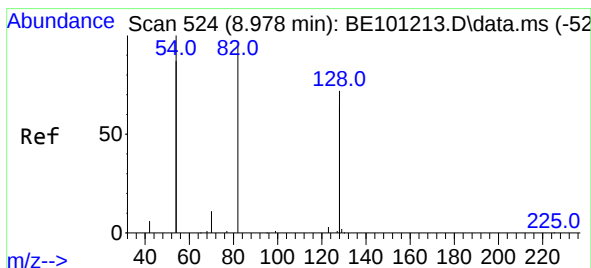
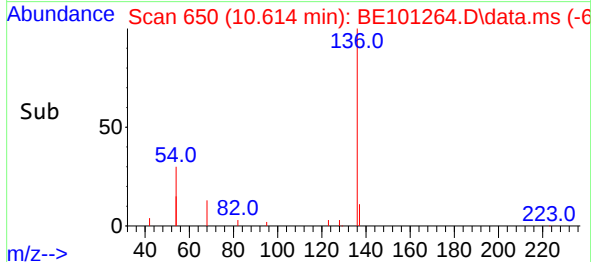
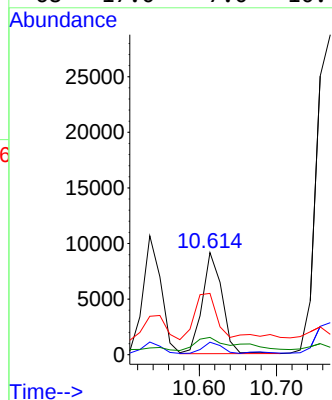
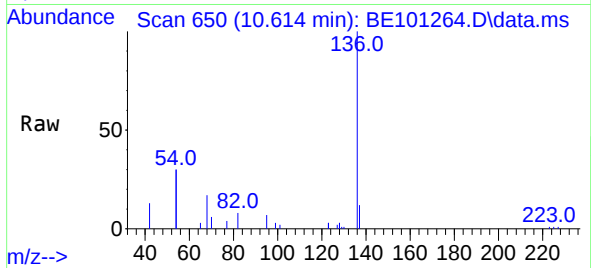
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion:	136	Resp:	16101
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.6	13.0
54	60.0	34.7	52.1#
68	17.0	7.0	10.4#

Instrument :
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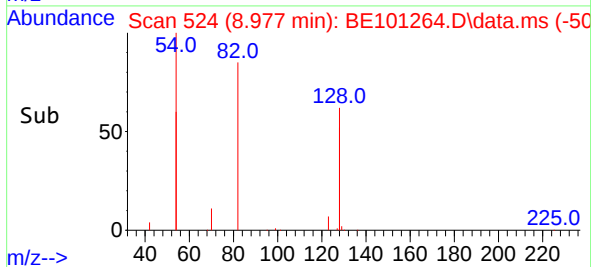
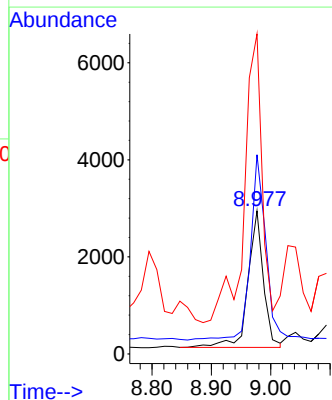
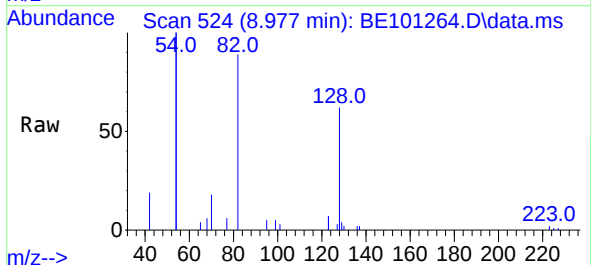
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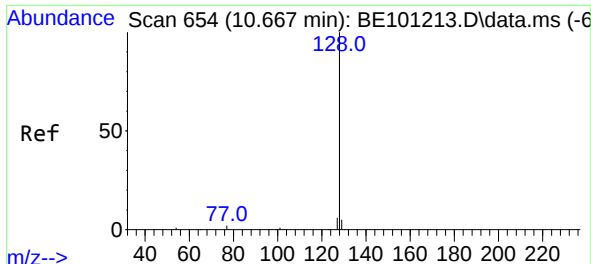
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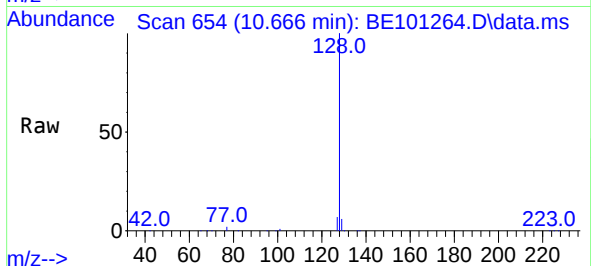
#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion:	82	Resp:	5063
Ion Ratio	Lower	Upper	
82	100		
128	139.4	118.7	178.1
54	223.8	164.4	246.6

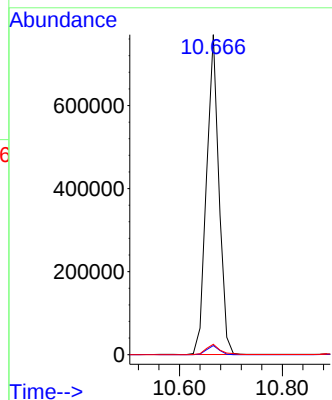




#9
Naphthalene
Concen: 7.35 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



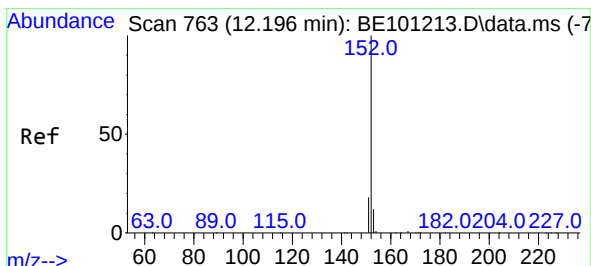
Tgt Ion:128 Resp: 1286776
Ion Ratio Lower Upper
128 100
129 2.9 2.2 3.4
127 3.3 2.6 3.8



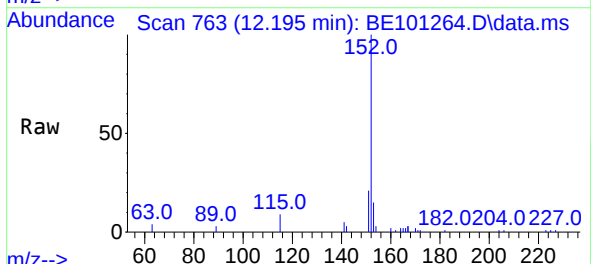
Instrument :
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ClientSampleId :
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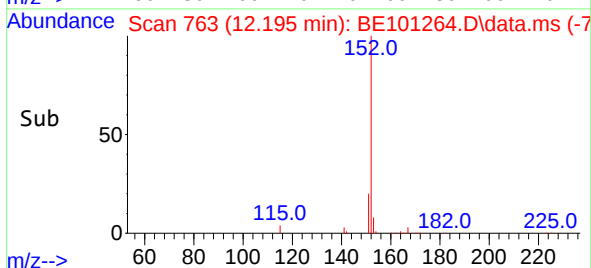
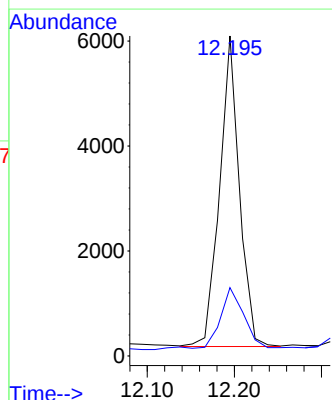
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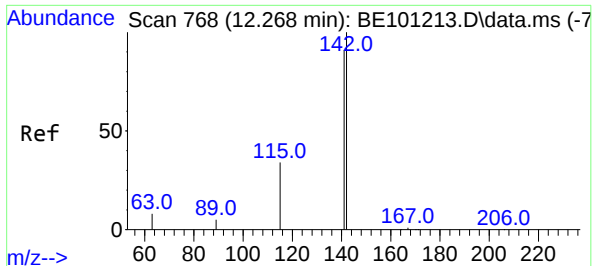


#11
2-Methylnaphthalene-d10
Concen: 0.25 ng m
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

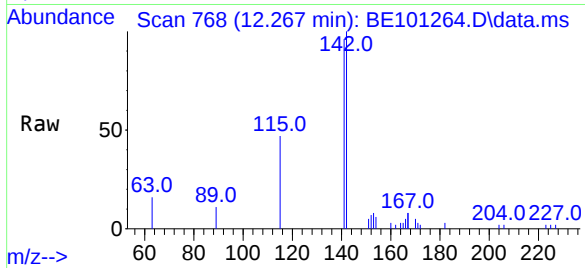


Tgt Ion:152 Resp: 9321
Ion Ratio Lower Upper
152 100
151 1.0 16.5 24.7#

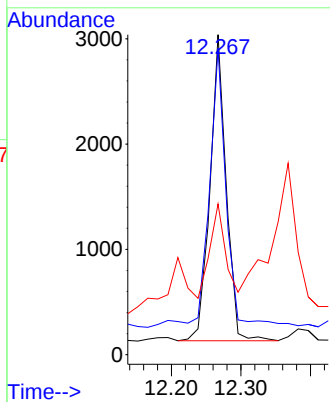
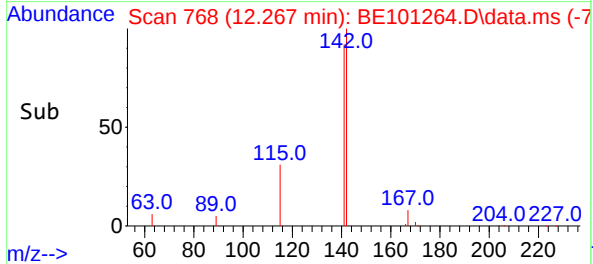




#12
2-Methylnaphthalene
Concen: 0.15 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



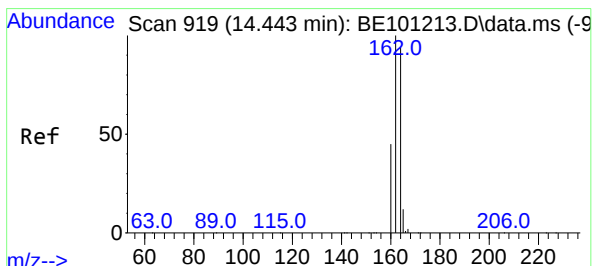
Tgt Ion:142 Resp: 4696
Ion Ratio Lower Upper
142 100
141 95.8 73.0 109.6
115 47.1 27.8 41.8#



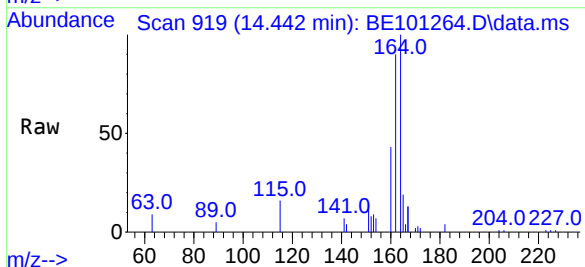
Instrument :
BNA_E
ClientSampled :
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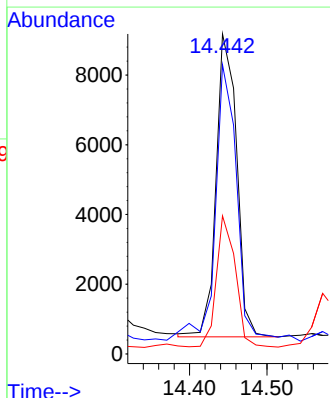
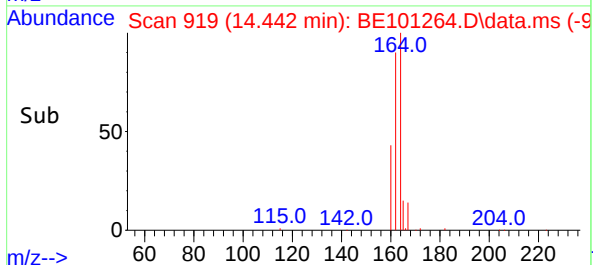
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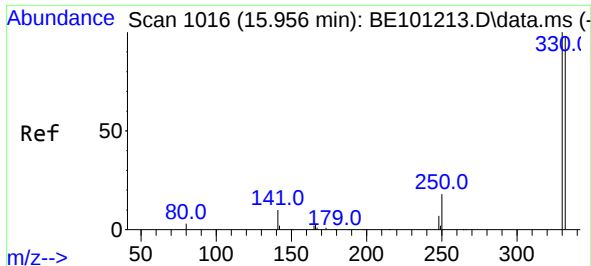


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

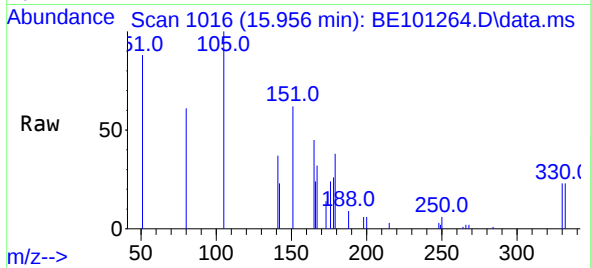


Tgt Ion:164 Resp: 15992
Ion Ratio Lower Upper
164 100
162 90.3 85.3 127.9
160 43.1 39.1 58.7

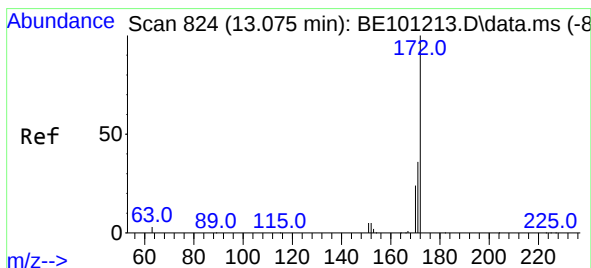
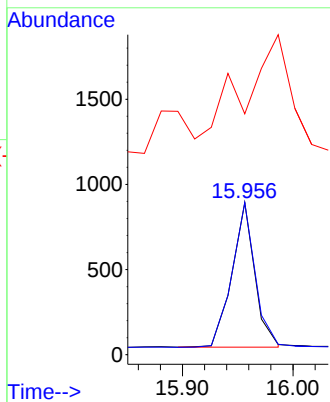
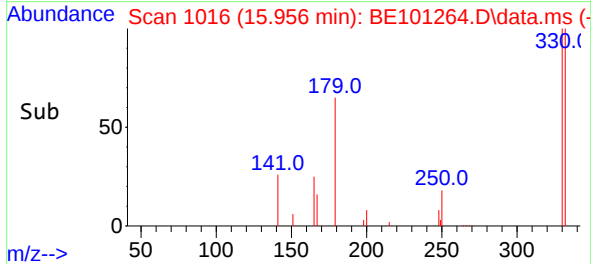




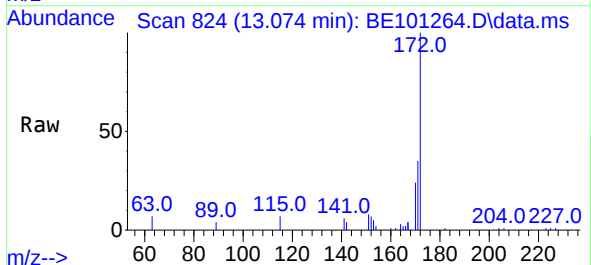
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2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



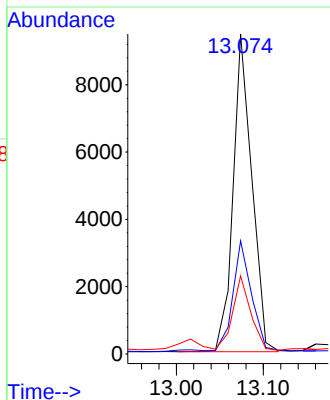
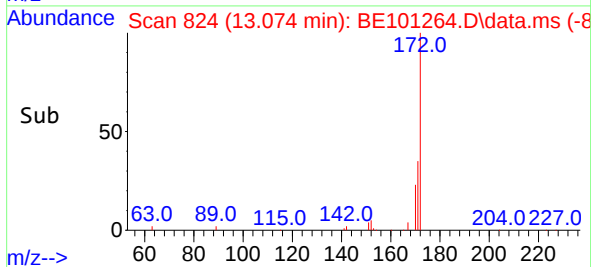
Tgt Ion: 330 Resp: 1216
Ion Ratio Lower Upper
330 100
332 102.3 77.8 116.6
141 0.0 30.4 45.6#



#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



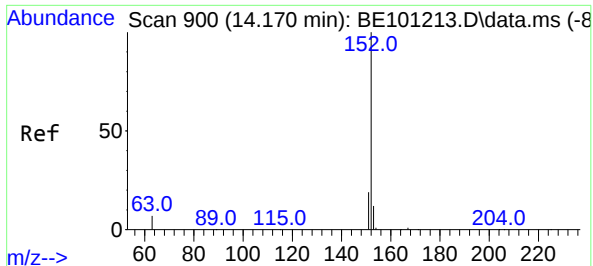
Tgt Ion: 172 Resp: 14122
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.4 19.3 28.9



Instrument :
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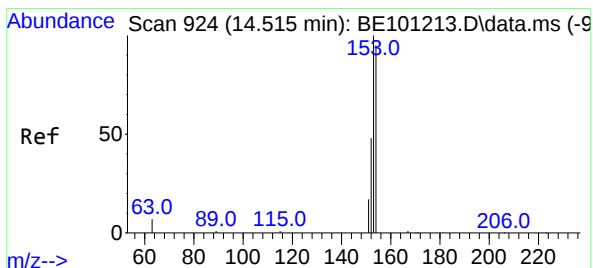
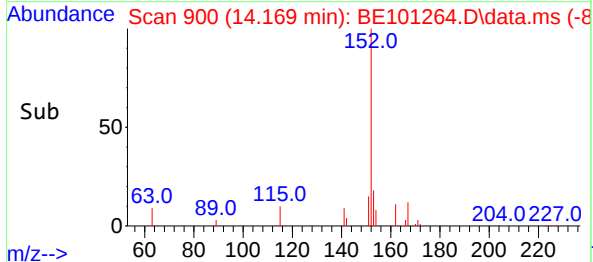
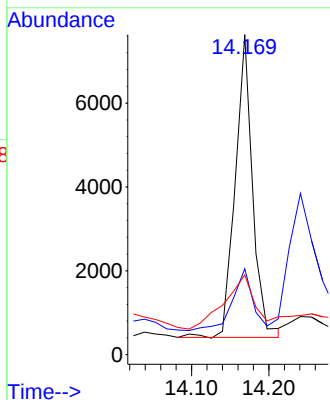
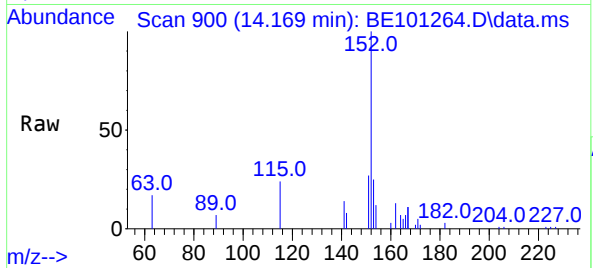
#16
Acenaphthylene
Concen: 0.18 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Instrument :
BNA_E
ClientSampled :
MW-110RR

Tgt Ion:152 Resp: 11241
Ion Ratio Lower Upper
152 100
151 23.8 15.4 23.2#
153 33.1 10.0 15.0#

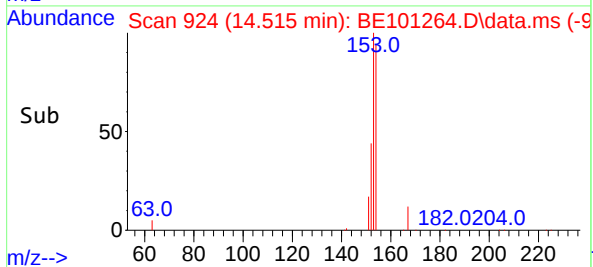
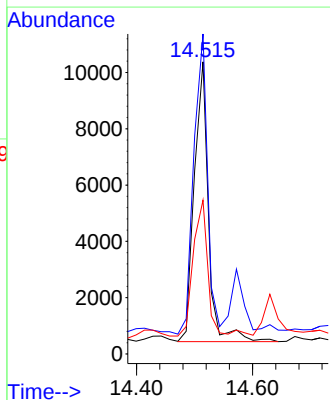
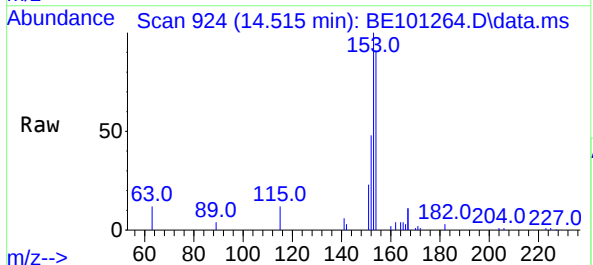
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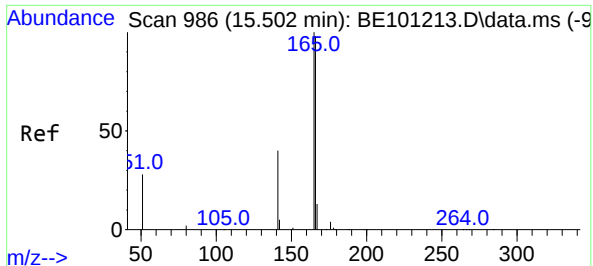
mohammad
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#17
Acenaphthene
Concen: 0.36 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

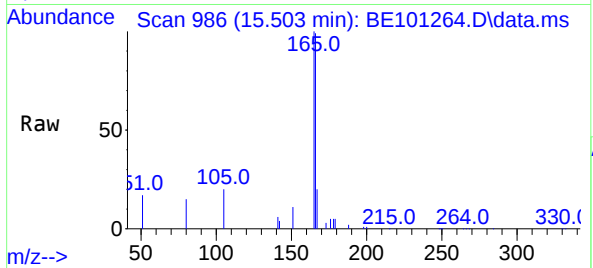
Tgt Ion:154 Resp: 16868
Ion Ratio Lower Upper
154 100
153 101.0 84.9 127.3
152 48.7 42.7 64.1





#18
Fluorene
Concen: 0.40 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

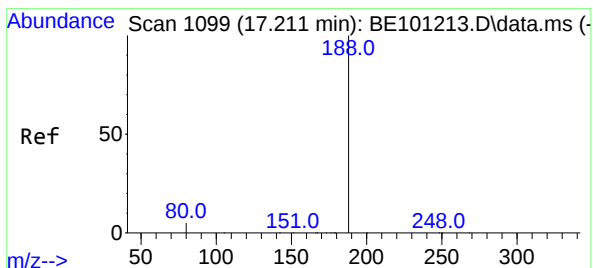
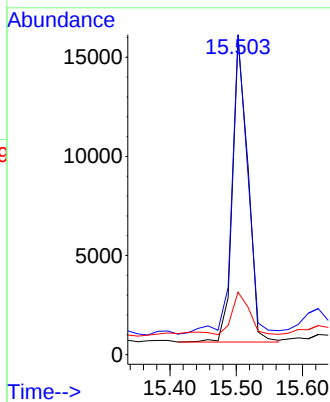
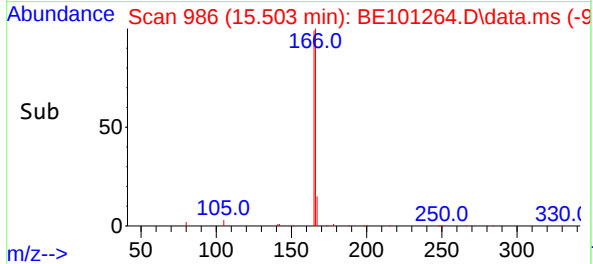
Instrument :
BNA_E
ClientSampleId :
MW-110RR



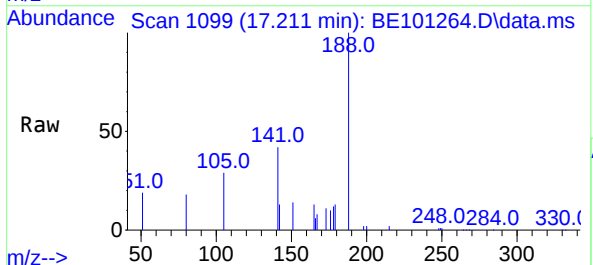
Tgt Ion:166 Resp: 24795
Ion Ratio Lower Upper
166 100
165 100.3 79.0 118.4
167 15.6 11.0 16.4

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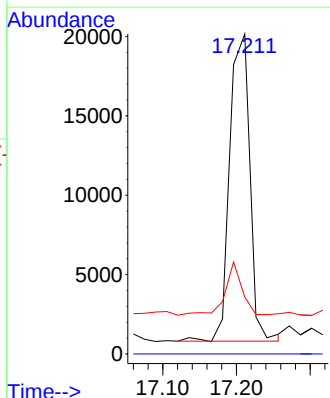
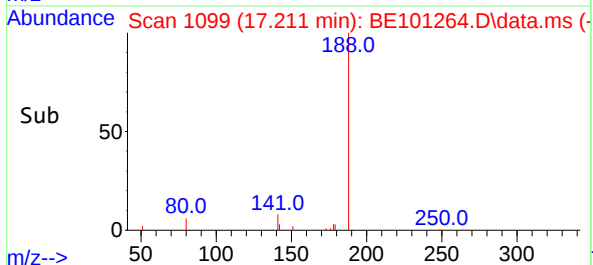
mohammad
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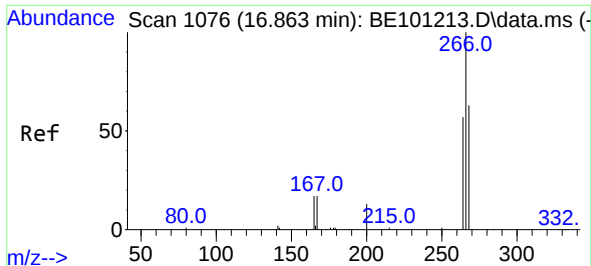


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. 0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

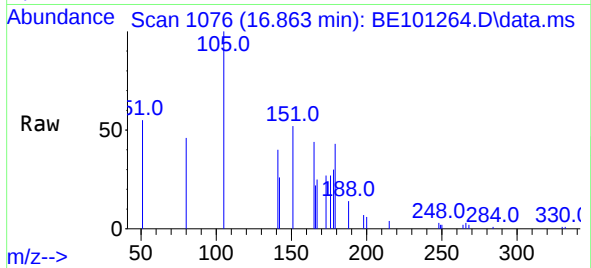


Tgt Ion:188 Resp: 36882
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.8 4.6 6.8#

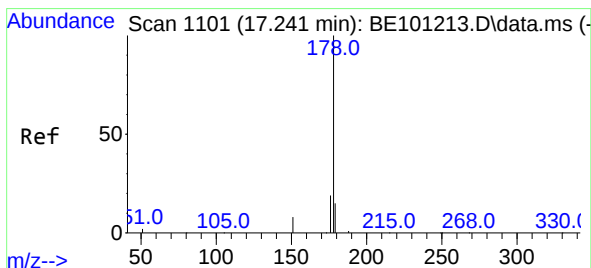
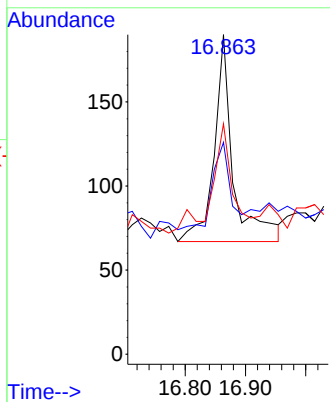
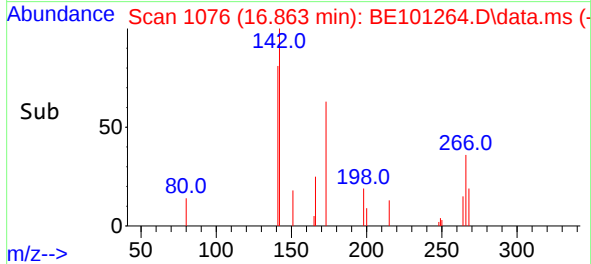




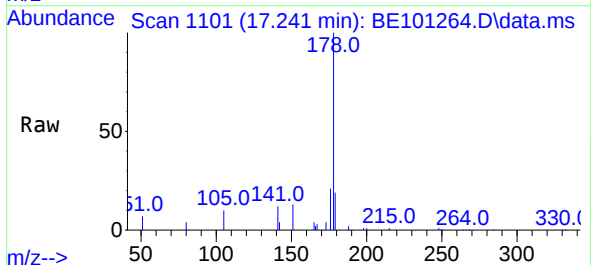
#24
Pentachlorophenol
Concen: 0.04 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



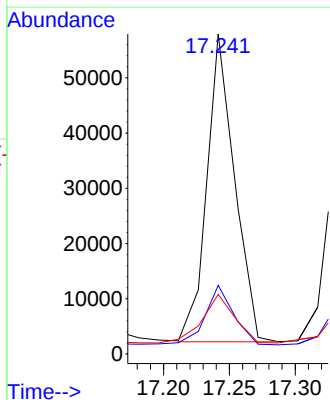
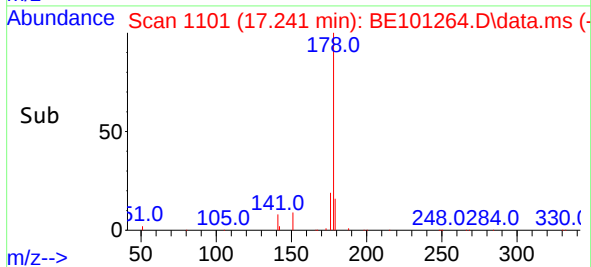
Tgt Ion:266 Resp: 268
Ion Ratio Lower Upper
266 100
264 39.9 49.1 73.7#
268 49.3 50.6 76.0#



#25
Phenanthrene
Concen: 0.75 ng m
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



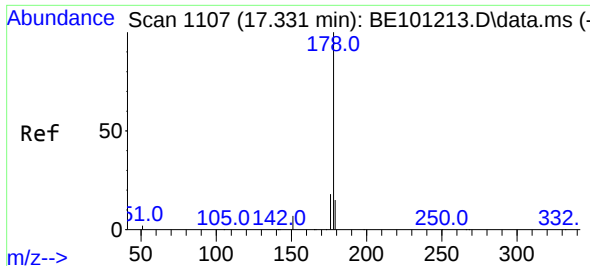
Tgt Ion:178 Resp: 81680
Ion Ratio Lower Upper
178 100
176 14.3 15.0 22.6#
179 12.1 12.2 18.4#



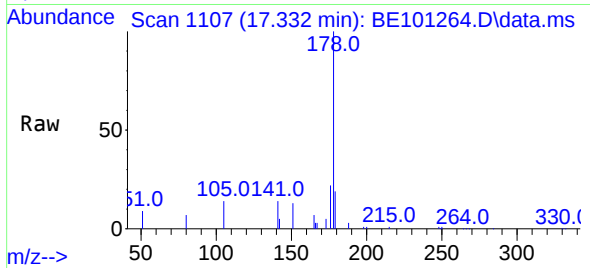
Instrument :
BNA_E
ClientSampleId :
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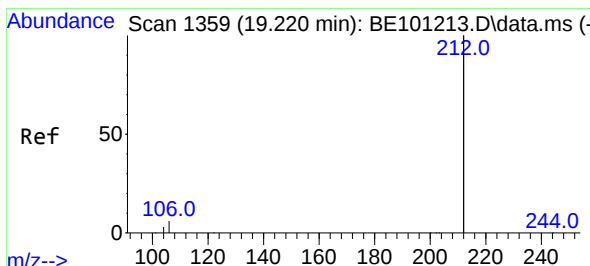
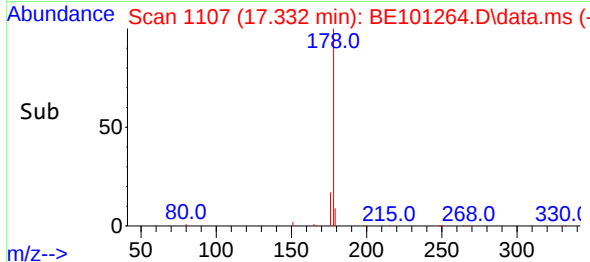
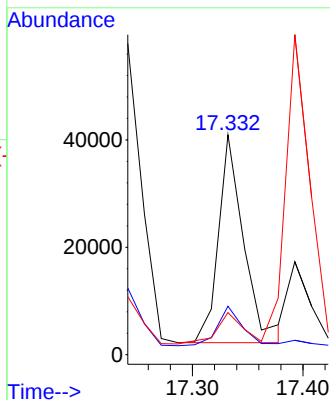
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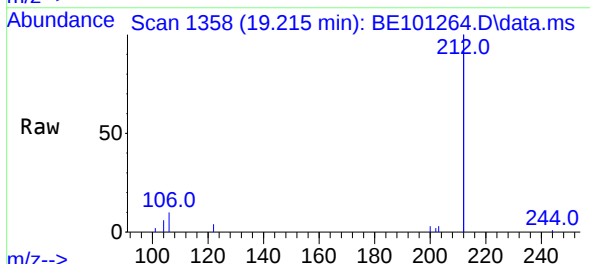
#26
 Anthracene
 Concen: 0.66 ng
 RT: 17.332 min Scan# 1107
 Delta R.T. 0.001 min
 Lab File: BE101264.D
 Acq: 9 Apr 2021 6:21



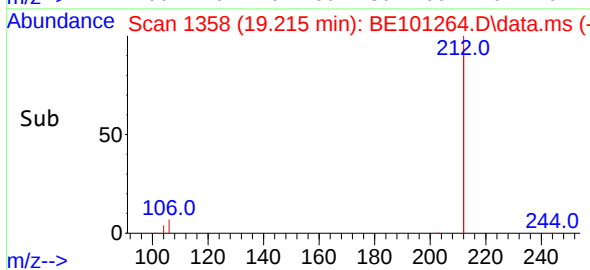
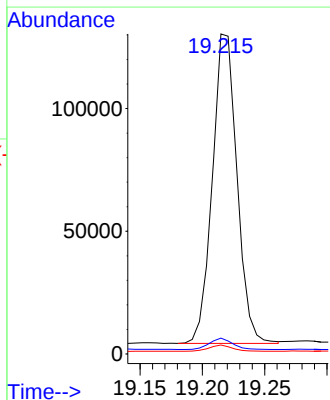
Tgt Ion:178 Resp: 61838
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.4 21.6
 179 15.6 11.8 17.8



#27
 Fluoranthene-d10
 Concen: 0.27 ng
 RT: 19.215 min Scan# 1358
 Delta R.T. 0.000 min
 Lab File: BE101264.D
 Acq: 9 Apr 2021 6:21



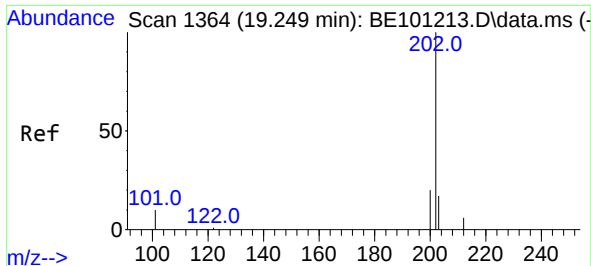
Tgt Ion:212 Resp: 173393
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 1.4 2.2



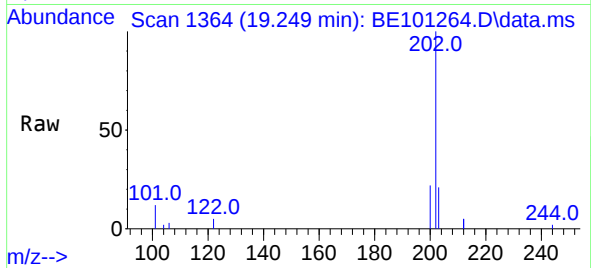
Instrument :
 BNA_E
 ClientSampleId :
 MW-110RR

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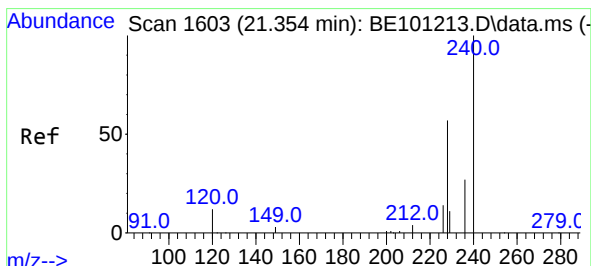
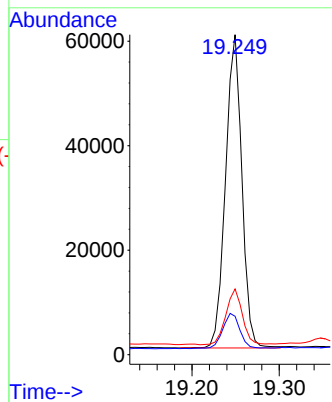
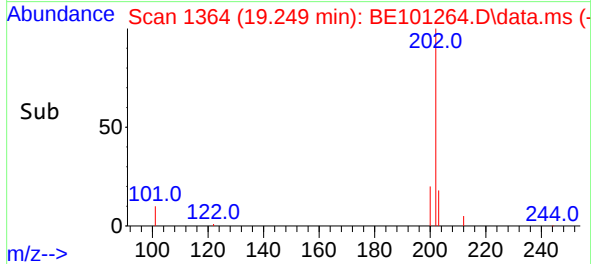
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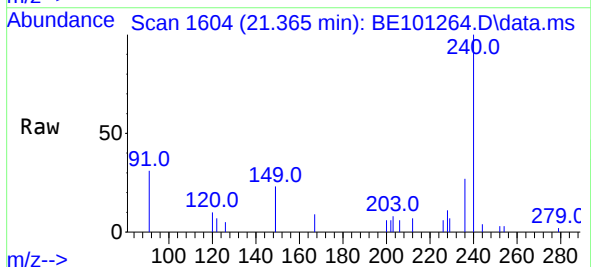
#28
Fluoranthene
Concen: 0.55 ng
RT: 19.249 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



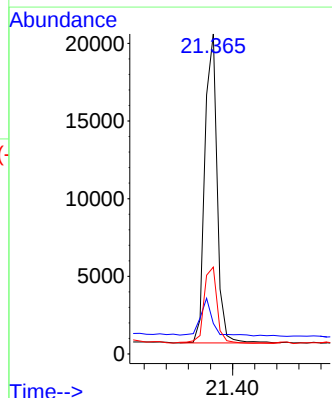
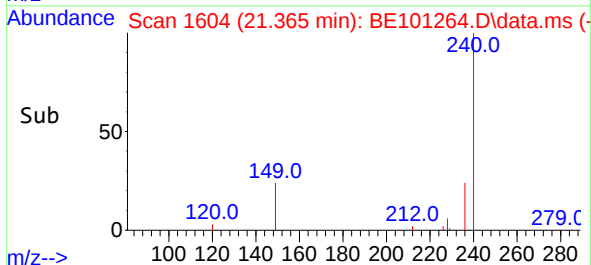
Tgt Ion:202 Resp: 78157
Ion Ratio Lower Upper
202 100
101 12.0 9.1 13.7
203 18.0 13.6 20.4



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. 0.011 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



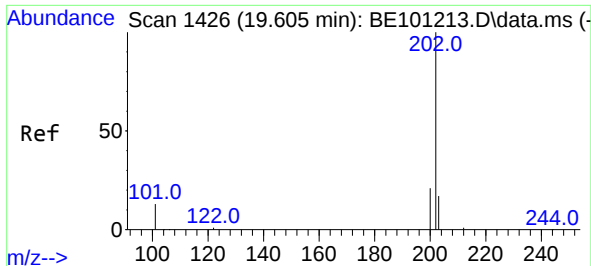
Tgt Ion:240 Resp: 30526
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 27.2 21.7 32.5



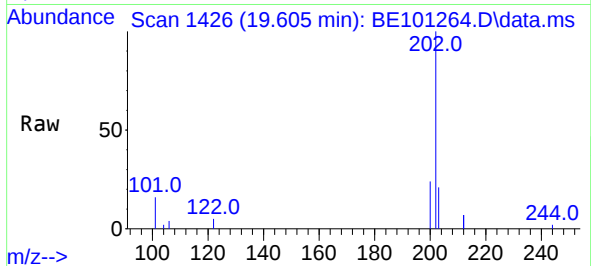
Instrument :
BNA_E
ClientSampleId :
MW-110RR

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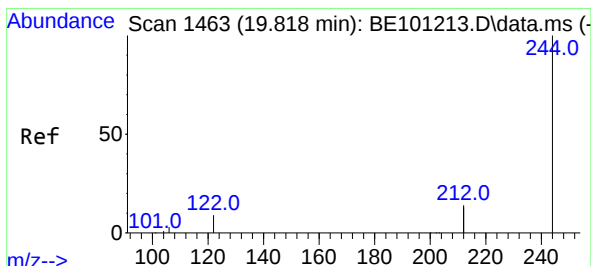
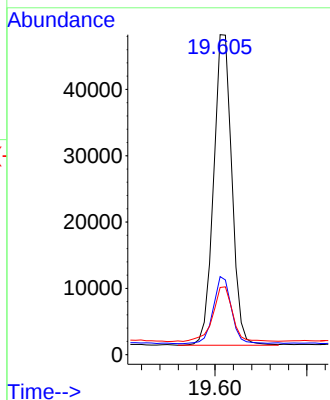
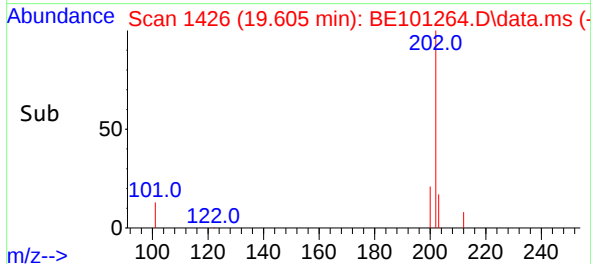
mohammad
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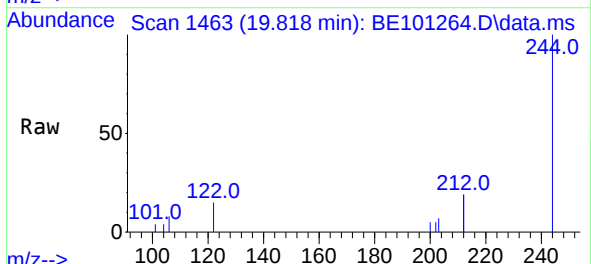
#30
Pyrene
Concen: 0.59 ng
RT: 19.605 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



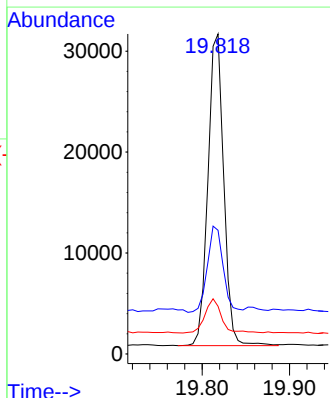
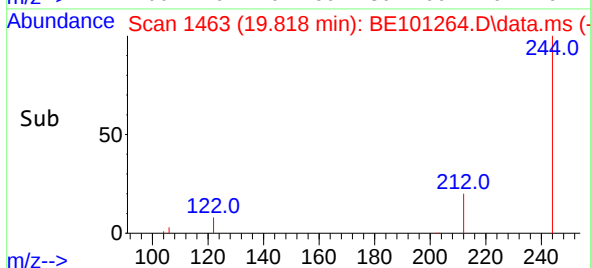
Tgt Ion:202 Resp: 64551
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 18.9 13.8 20.8



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.818 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



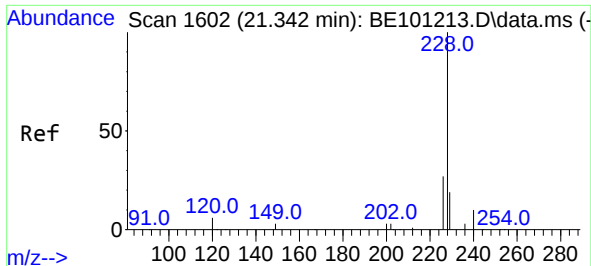
Tgt Ion:244 Resp: 38830
Ion Ratio Lower Upper
244 100
212 38.6 21.9 32.9#
122 14.9 7.3 10.9#



Instrument :
BNA_E
ClientSampleId :
MW-110RR

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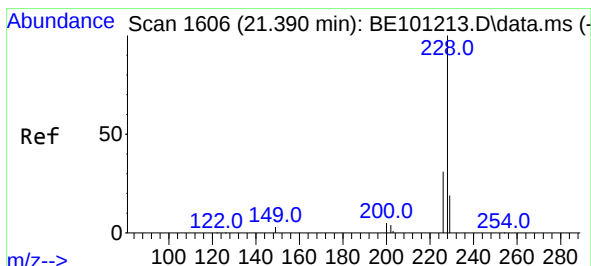
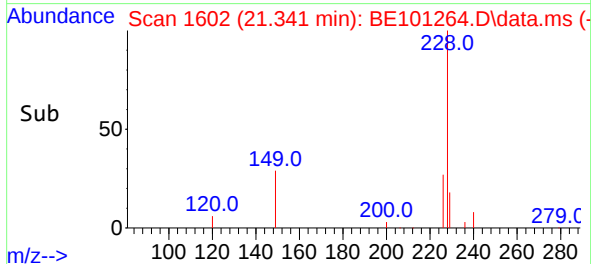
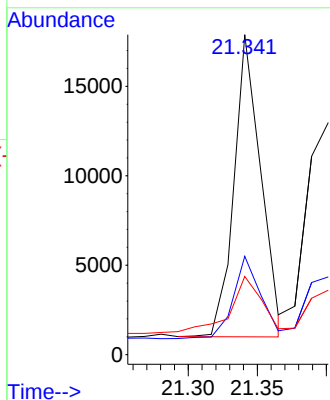
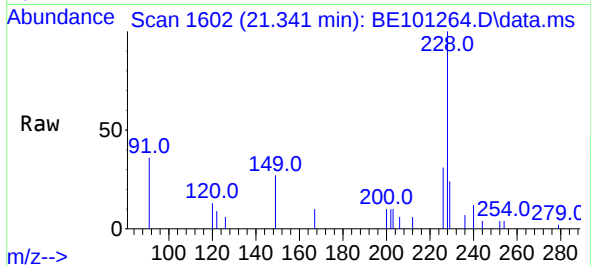
#32
Benzo(a)anthracene
Concen: 0.26 ng
RT: 21.341 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion:228 Resp: 22707
Ion Ratio Lower Upper
228 100
226 30.8 21.4 32.2
229 24.4 15.7 23.5#

Instrument :
BNA_E
ClientSampled :
MW-110RR

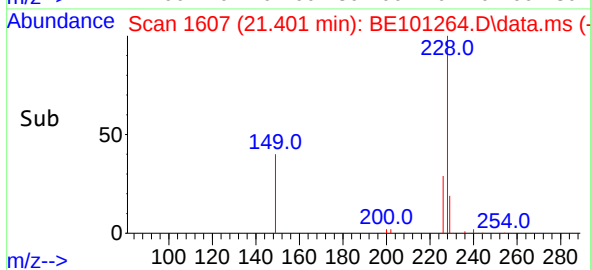
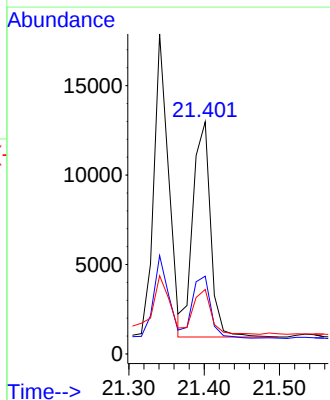
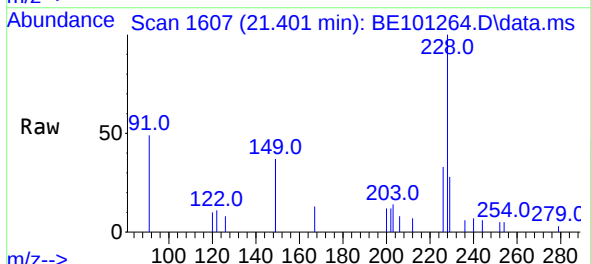
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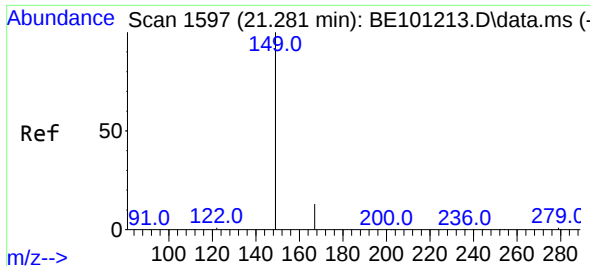
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#33
Chrysene
Concen: 0.19 ng
RT: 21.401 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

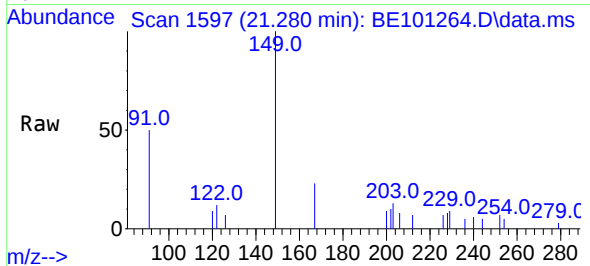
Tgt Ion:228 Resp: 19658
Ion Ratio Lower Upper
228 100
226 33.5 24.8 37.2
229 27.8 15.2 22.8#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.280 min Scan# 1597
Delta R.T. -0.001 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

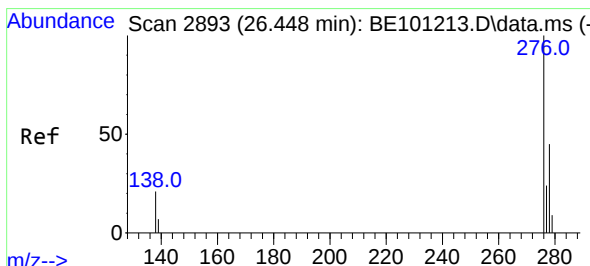
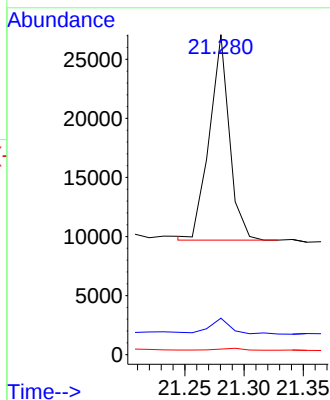
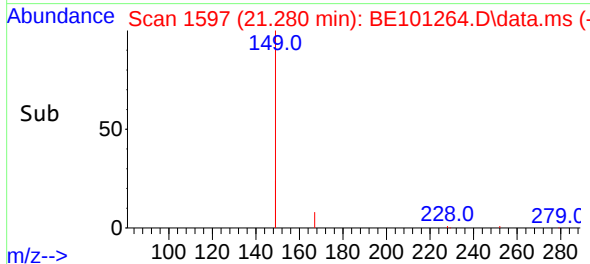
Instrument :
BNA_E
ClientSampleId :
MW-110RR



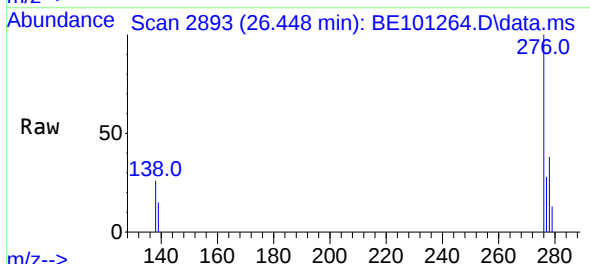
Tgt Ion:149 Resp: 20342
Ion Ratio Lower Upper
149 100
167 8.2 5.5 8.3
279 1.0 1.0 1.4

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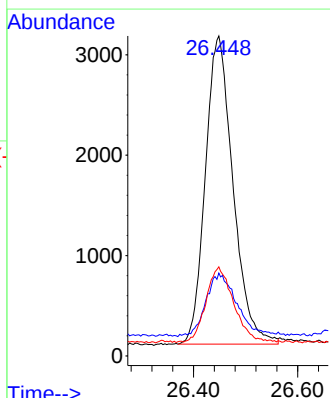
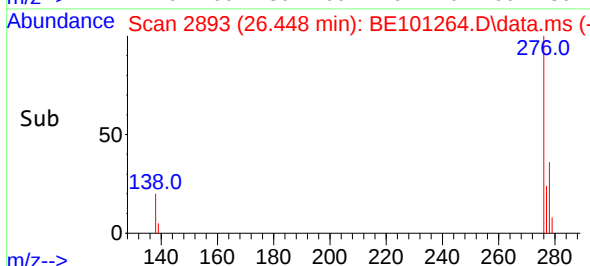
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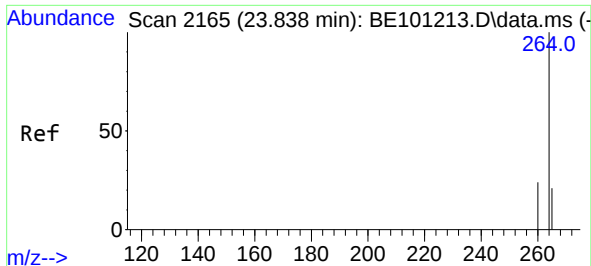


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng
RT: 26.448 min Scan# 2893
Delta R.T. 0.004 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

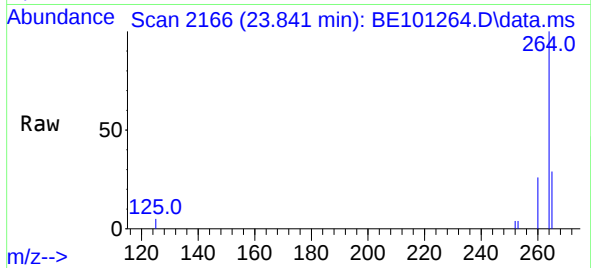


Tgt Ion:276 Resp: 11332
Ion Ratio Lower Upper
276 100
138 22.0 17.4 26.0
277 24.1 19.8 29.8

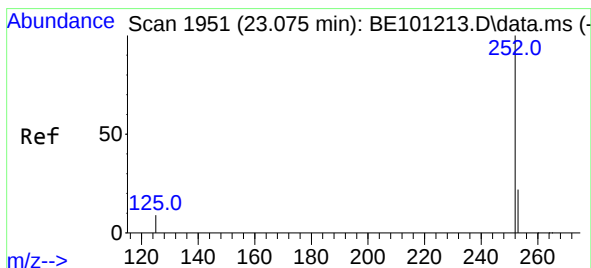
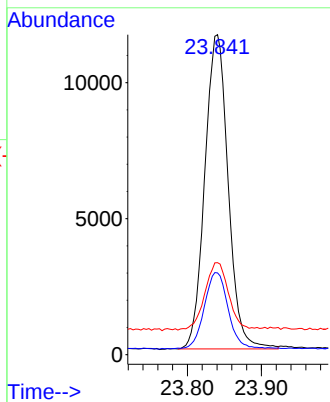
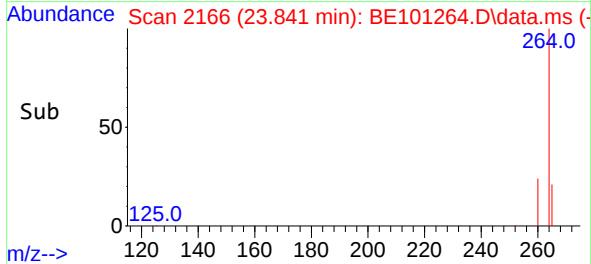




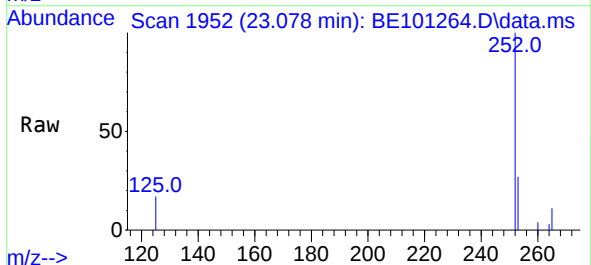
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.841 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



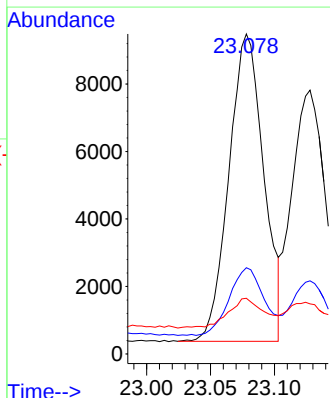
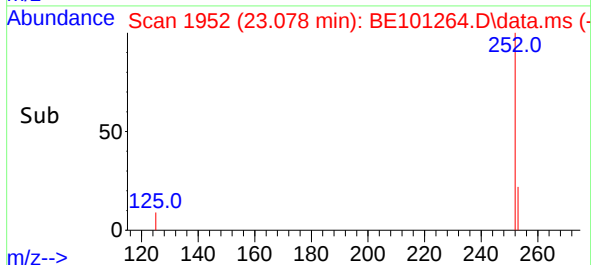
Tgt Ion:264 Resp: 25364
Ion Ratio Lower Upper
264 100
260 25.6 19.3 28.9
265 28.8 22.4 33.6



#37
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 23.078 min Scan# 1952
Delta R.T. 0.002 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21



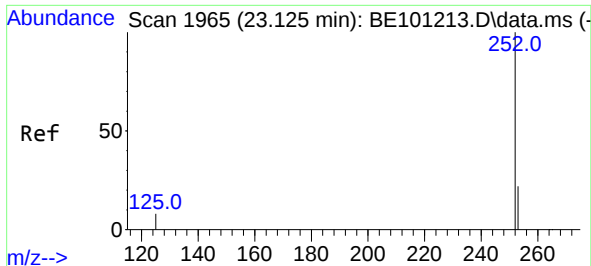
Tgt Ion:252 Resp: 17251
Ion Ratio Lower Upper
252 100
253 26.9 18.1 27.1
125 17.4 7.6 11.4#



Instrument :
BNA_E
ClientSampleId :
MW-110RR

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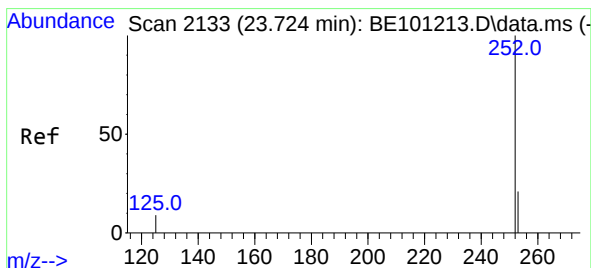
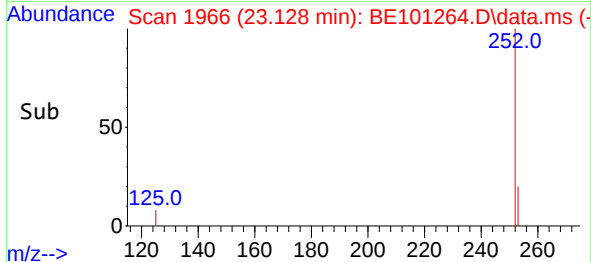
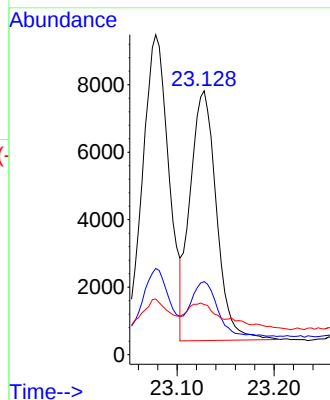
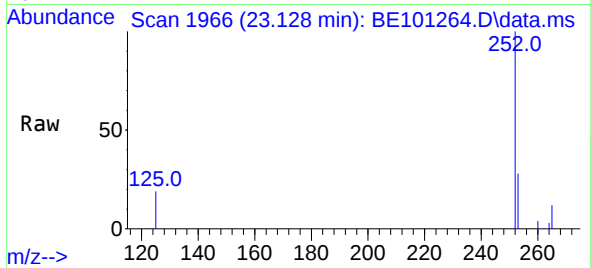
#38
Benzo(k)fluoranthene
Concen: 0.15 ng
RT: 23.128 min Scan# 1966
Delta R.T. 0.002 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion:252 Resp: 13937
Ion Ratio Lower Upper
252 100
253 27.7 17.8 26.6#
125 19.0 7.6 11.4#

Instrument :
BNA_E
ClientSampleId :
MW-110RR

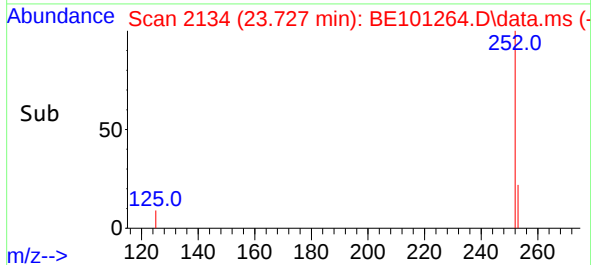
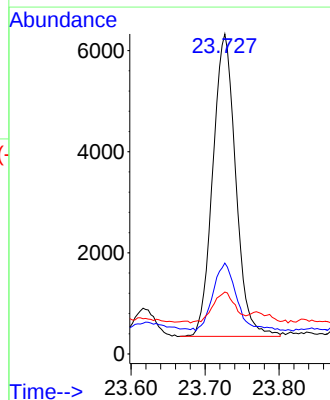
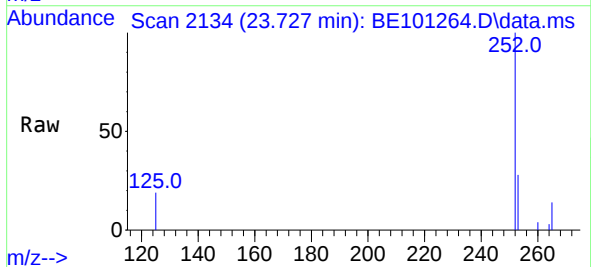
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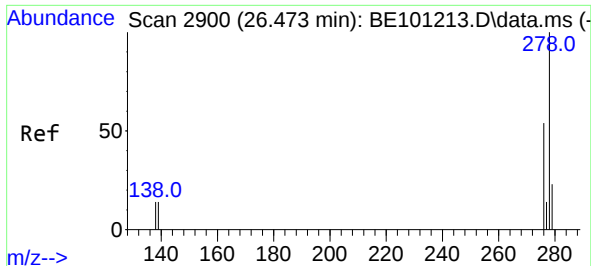
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#39
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.727 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion:252 Resp: 12846
Ion Ratio Lower Upper
252 100
253 28.4 18.0 27.0#
125 19.4 8.0 12.0#





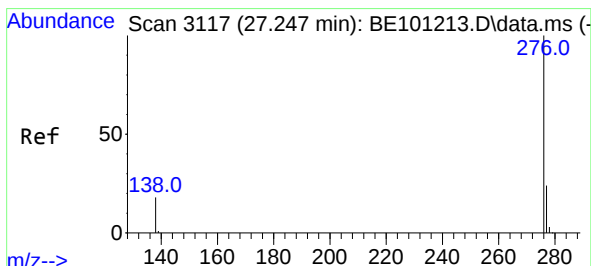
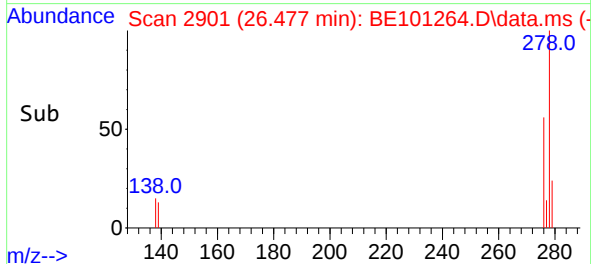
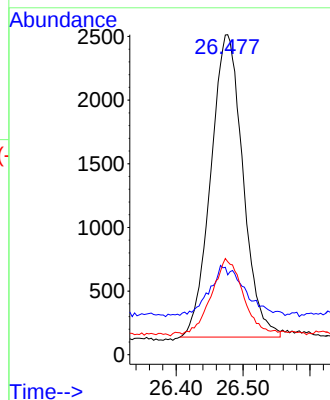
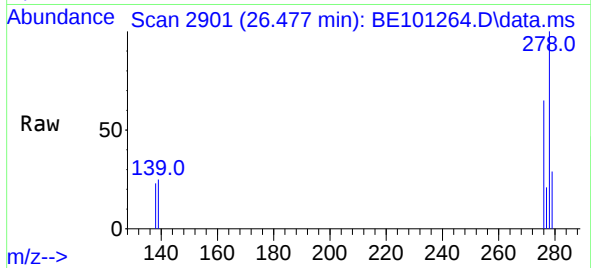
#40
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 26.477 min Scan# 2901
Delta R.T. 0.004 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion: 278 Resp: 7913
Ion Ratio Lower Upper
278 100
139 25.0 12.2 18.2#
279 29.1 19.3 28.9#

Instrument :
BNA_E
ClientSampleId :
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#41
Benzo(g,h,i)perylene
Concen: 0.14 ng
RT: 27.251 min Scan# 3118
Delta R.T. 0.007 min
Lab File: BE101264.D
Acq: 9 Apr 2021 6:21

Tgt Ion: 276 Resp: 10281
Ion Ratio Lower Upper
276 100
277 27.4 19.4 29.0
138 25.8 15.2 22.8#

