

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101184.D
 Acq On : 1 Apr 2021 19:13
 Operator : CG/JU
 Sample : M1842-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D3-20210324

Quant Time: Apr 02 02:28:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:49:55 2021
 Response via : Initial Calibration

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

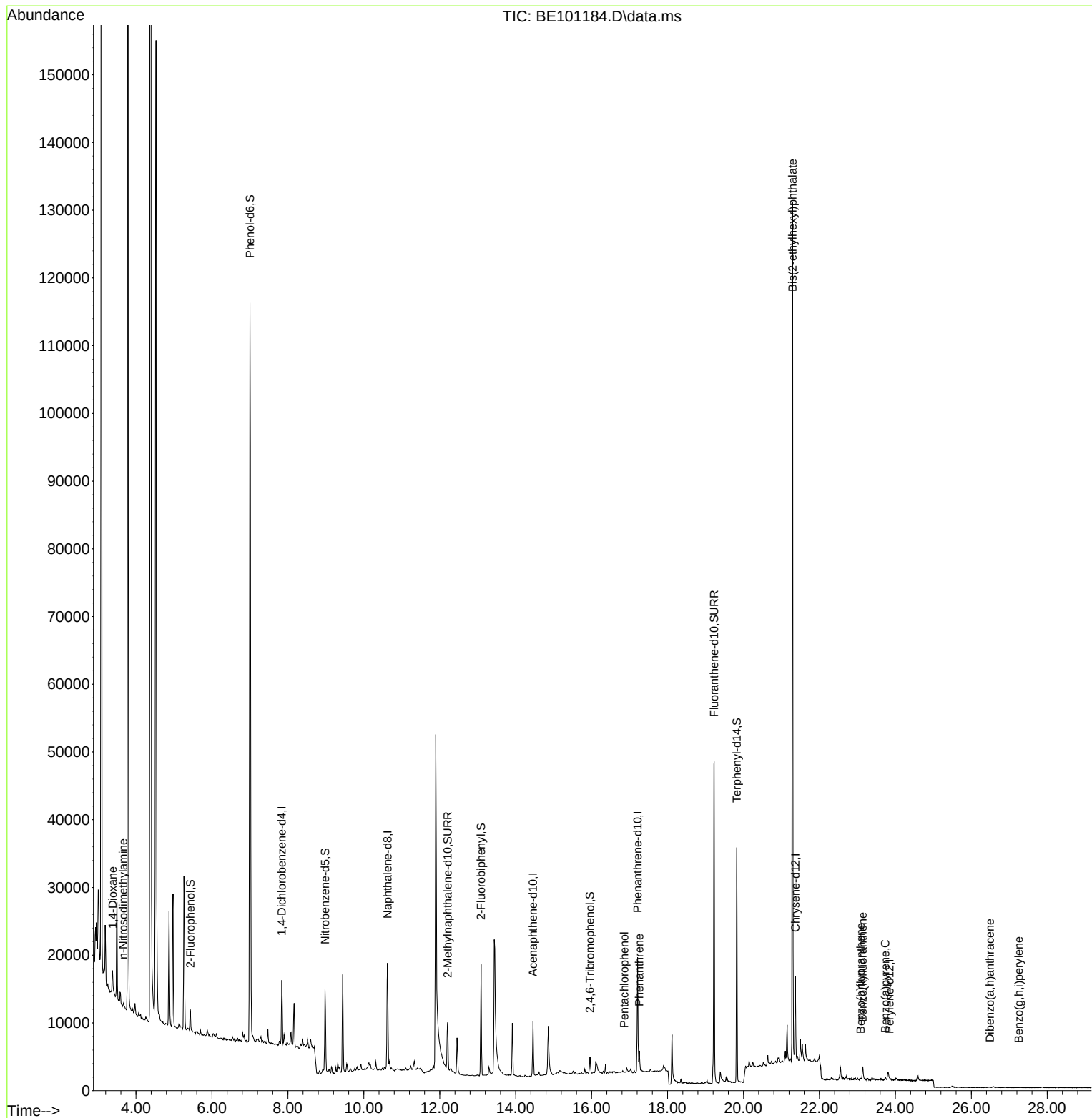
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	4024	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	17335	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	4301	0.40	ng	#-0.01
19) Phenanthrene-d10	17.211	188	22009	0.40	ng	#-0.01
29) Chrysene-d12	21.367	240	11874	0.40	ng	#-0.01
36) Perylene-d12	23.849	264	53	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.434	112	1628	0.17	ng	0.00
5) Phenol-d6	7.000	99	2343	0.16	ng	0.00
8) Nitrobenzene-d5	8.978	82	4398	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.211	152	8935	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1232	1.61	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	14239	0.88	ng	-0.01
27) Fluoranthene-d10	19.226	212	63855	0.23	ng	0.00
31) Terphenyl-d14	19.823	244	30828	1.14	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.384	88	2836	0.43	ng	# 83
3) n-Nitrosodimethylamine	3.661	42	216	0.03	ng	# 1
24) Pentachlorophenol	16.863	266	82	0.03	ng	# 45
25) Phenanthrene	17.256	178	2500	0.04	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.294	149	144230	7.19	ng	99
37) Benzo(b)fluoranthene	23.086	252	252	1.81	ng	# 1
38) Benzo(k)fluoranthene	23.139	252	260	1.46	ng	# 1
39) Benzo(a)pyrene	23.735	252	29	0.22	ng	# 1
40) Dibenzo(a,h)anthracene	26.491	278	87	0.74	ng	# 1
41) Benzo(g,h,i)perylene	27.254	276	16	0.12	ng	# 1

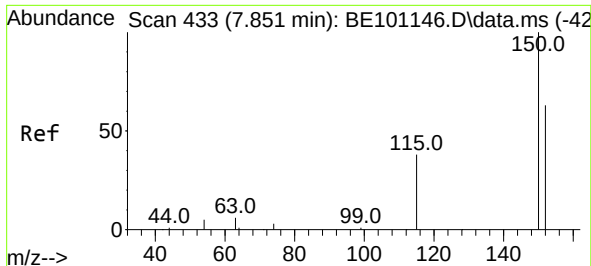
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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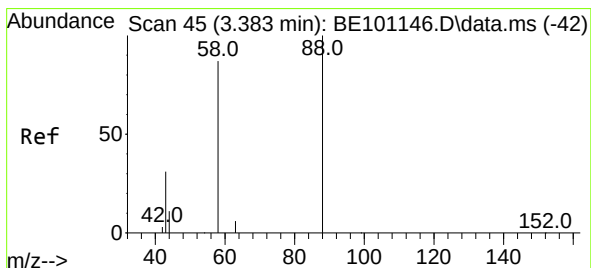
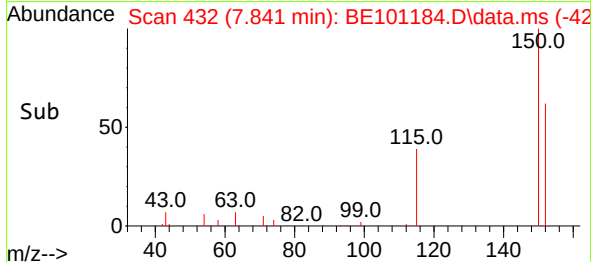
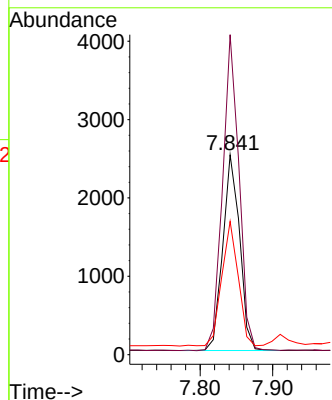
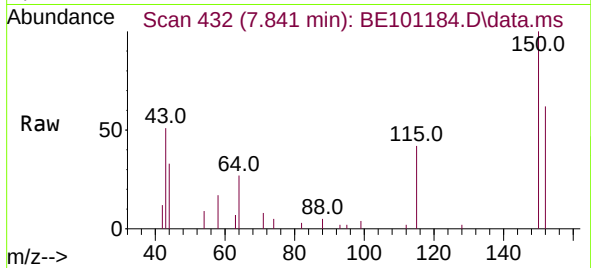




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.841 min Scan# 432
 Delta R.T. -0.010 min
 Lab File: BE101184.D
 Acq: 1 Apr 2021 19:13

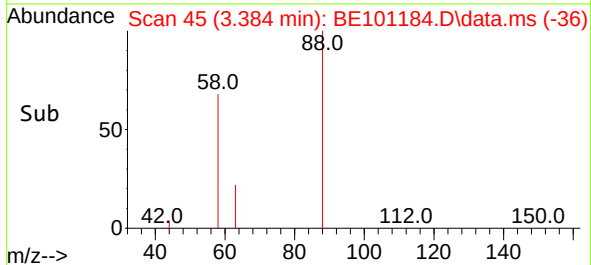
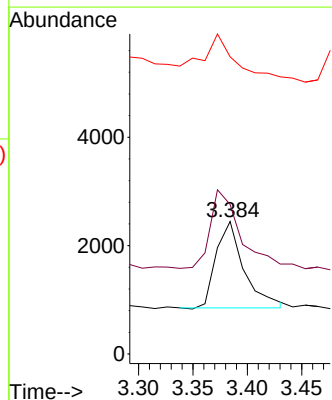
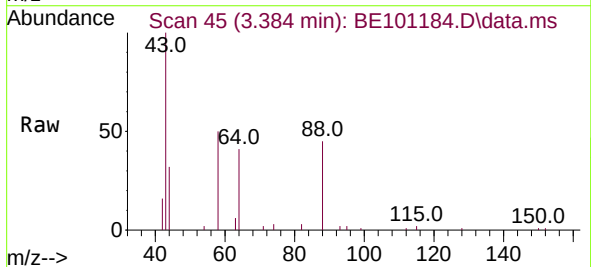
Instrument :
 BNA_E
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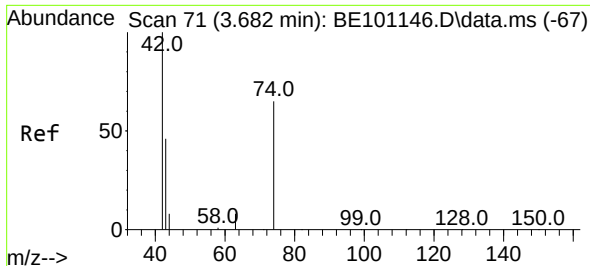
Tgt Ion:152 Resp: 4024
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.3 189.5
 115 66.7 48.9 73.3



#2
 1,4-Dioxane
 Concen: 0.43 ng
 RT: 3.384 min Scan# 45
 Delta R.T. 0.001 min
 Lab File: BE101184.D
 Acq: 1 Apr 2021 19:13

Tgt Ion: 88 Resp: 2836
 Ion Ratio Lower Upper
 88 100
 58 96.8 68.5 102.7
 43 51.2 27.2 40.8#

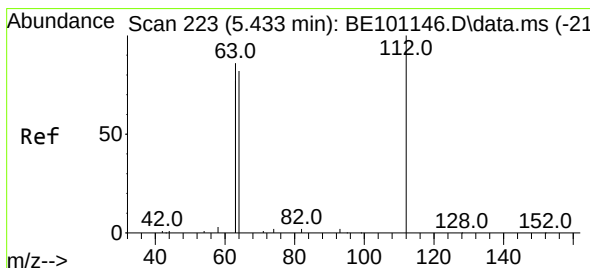
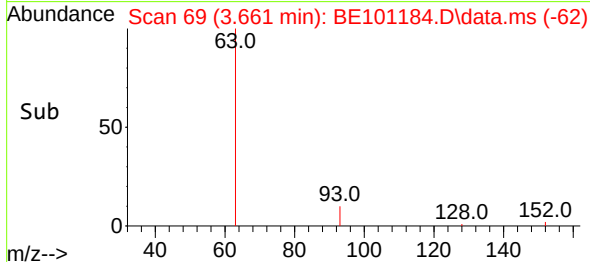
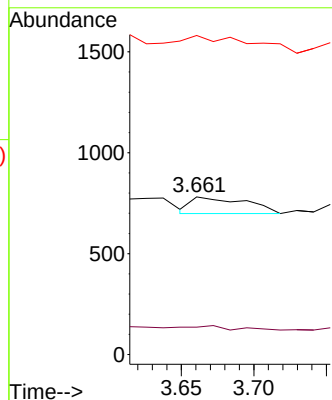
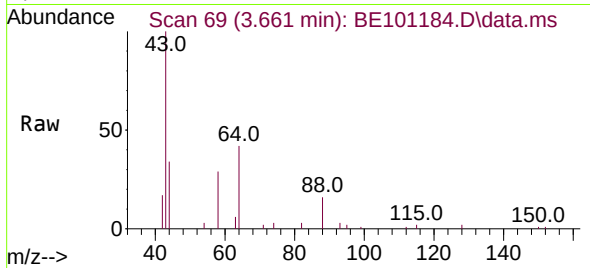




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.661 min Scan# 69
Delta R.T. -0.022 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

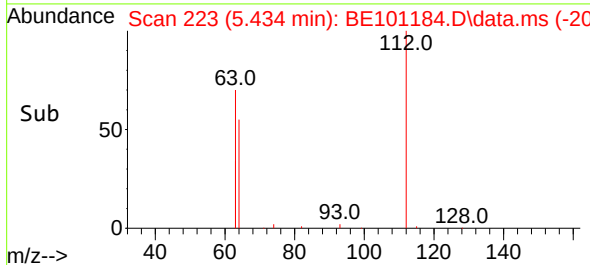
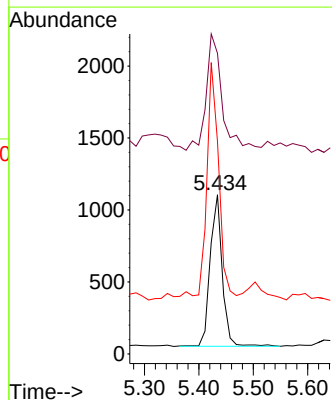
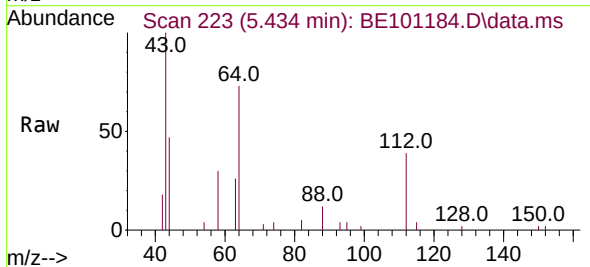
Instrument :
BNA_E
ClientSampleId :
RE123D3-20210324

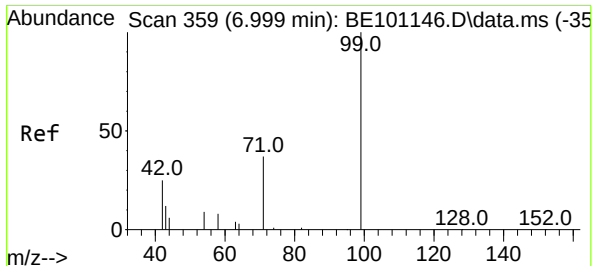
Tgt Ion: 42 Resp: 216
Ion Ratio Lower Upper
42 100
74 21.3 87.0 130.6#
44 137.5 8.3 12.5#



#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.434 min Scan# 223
Delta R.T. 0.002 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion: 112 Resp: 1628
Ion Ratio Lower Upper
112 100
64 101.4 60.8 91.2#
63 161.8 119.4 179.0

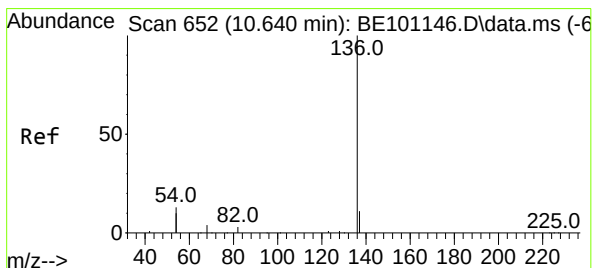
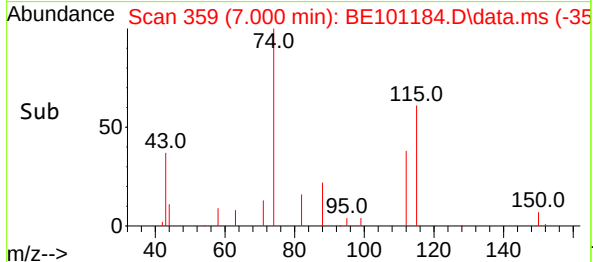
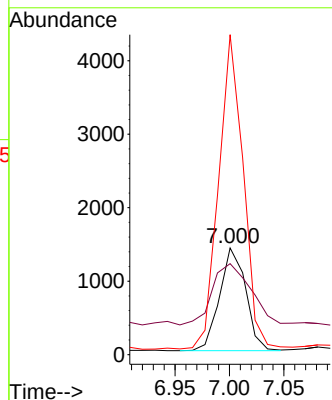
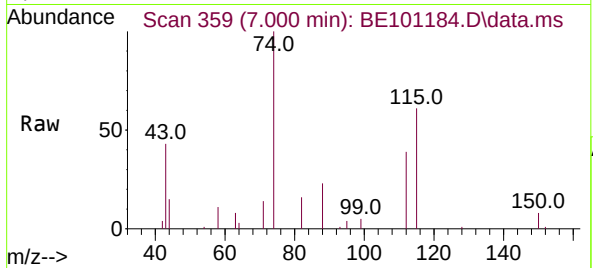




#5
Phenol-d6
Concen: 0.16 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.002 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

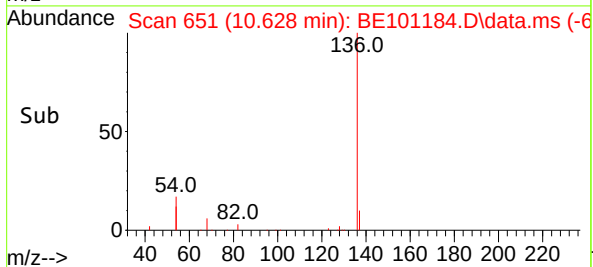
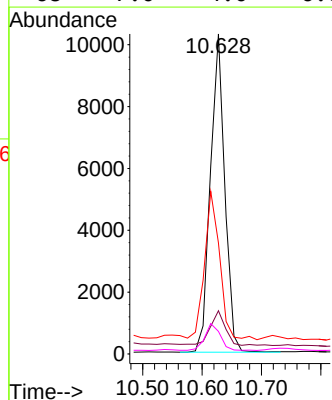
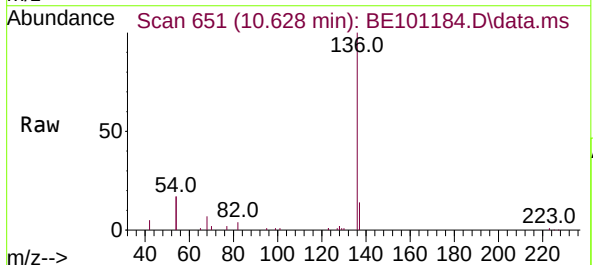
Instrument :
BNA_E
ClientSampleId :
RE123D3-20210324

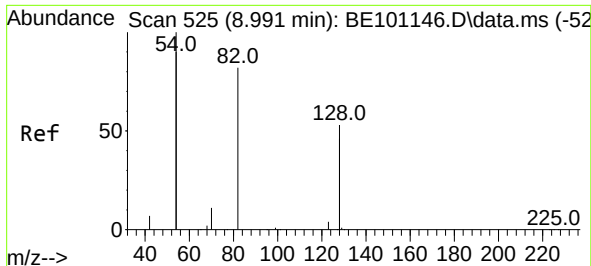
Tgt Ion: 99 Resp: 2343
Ion Ratio Lower Upper
99 100
42 105.6 18.8 28.2#
71 288.9 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion: 136 Resp: 17335
Ion Ratio Lower Upper
136 100
137 13.5 8.9 13.3#
54 34.7 20.2 30.4#
68 7.0 4.0 6.0#

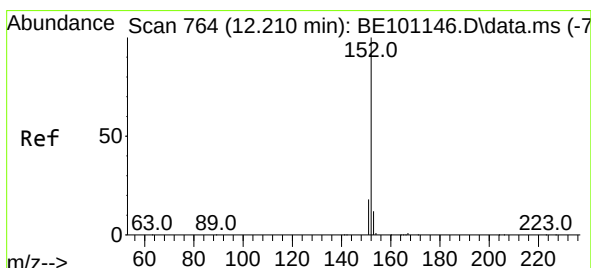
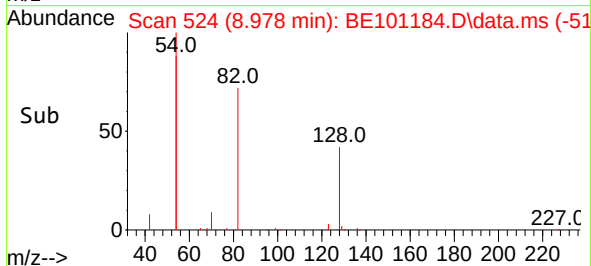
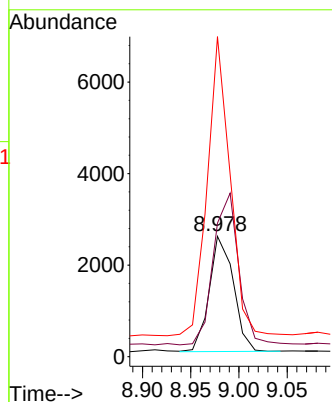
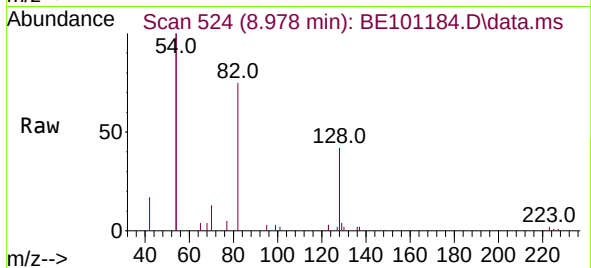




#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.013 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

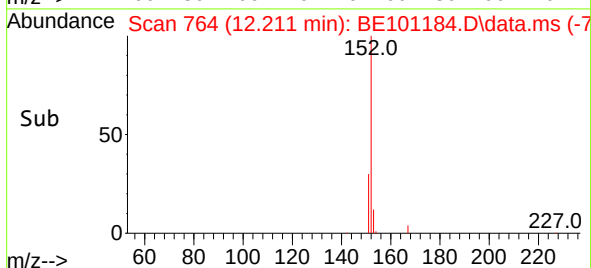
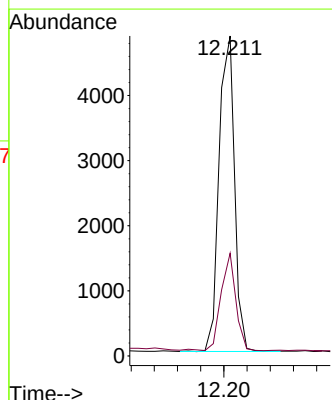
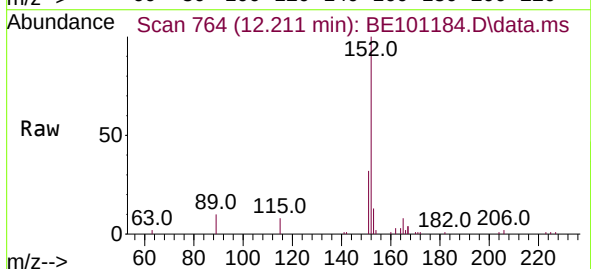
Instrument :
BNA_E
ClientSampleId :
RE123D3-20210324

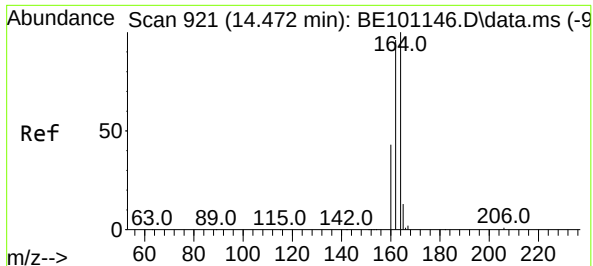
Tgt Ion: 82 Resp: 4398
Ion Ratio Lower Upper
82 100
128 111.0 101.5 152.3
54 265.9 189.8 284.6



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.211 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion: 152 Resp: 8935
Ion Ratio Lower Upper
152 100
151 29.3 16.6 24.8#

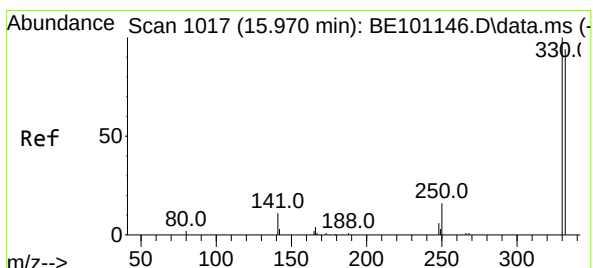
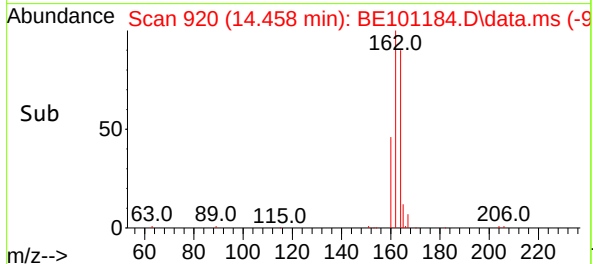
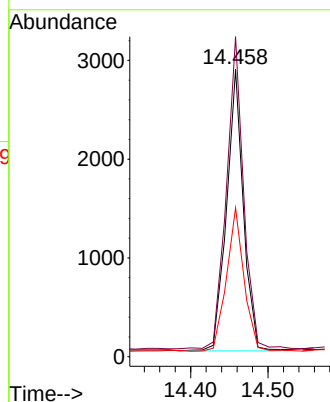
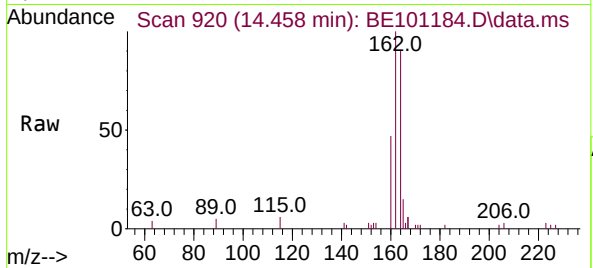




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

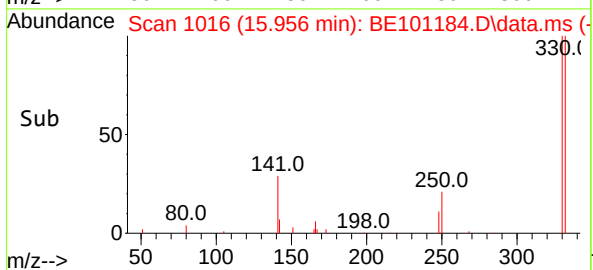
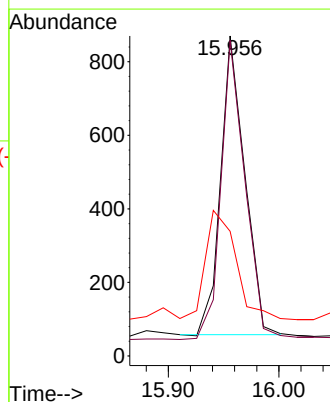
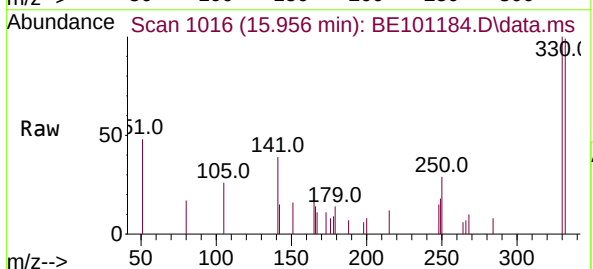
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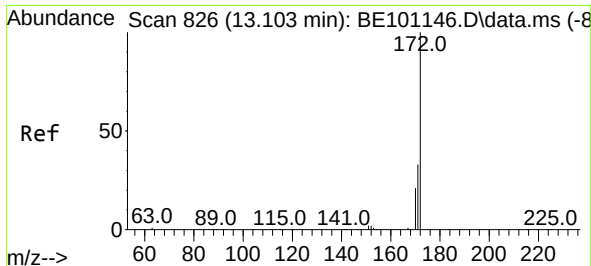
Tgt Ion:164	Resp:	4301
Ion Ratio	Lower	Upper
164	100	
162	111.3	76.6 115.0
160	51.8	34.5 51.7#



#14
2,4,6-Tribromophenol
Concen: 1.61 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.015 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion:330	Resp:	1232
Ion Ratio	Lower	Upper
330	100	
332	99.1	69.1 103.7
141	46.7	30.6 45.8#

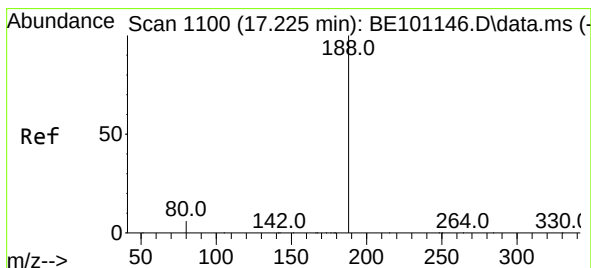
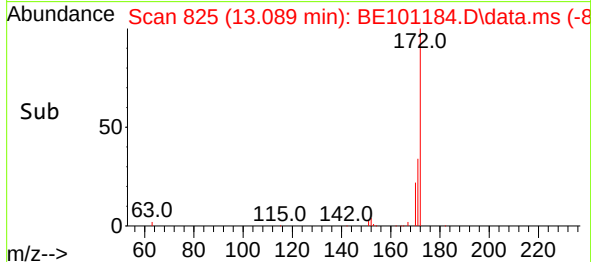
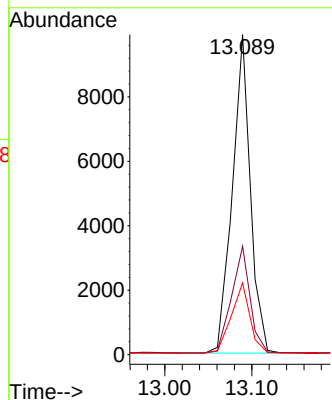
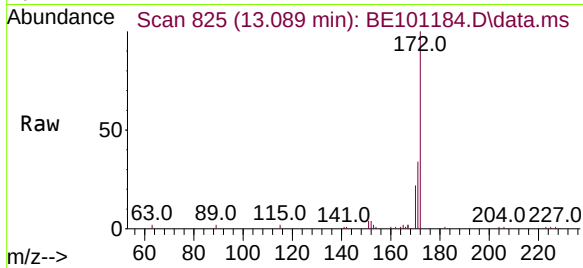




#15
2-Fluorobiphenyl
Concen: 0.88 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

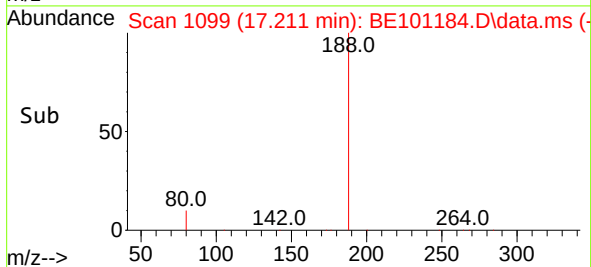
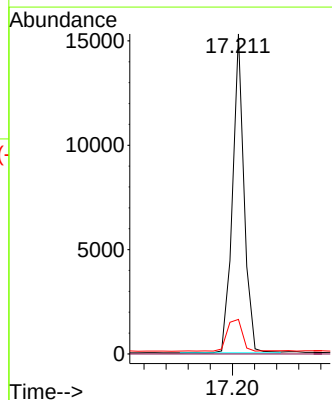
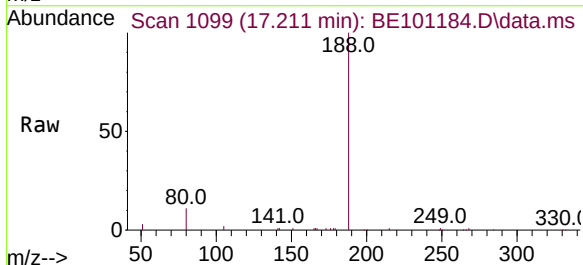
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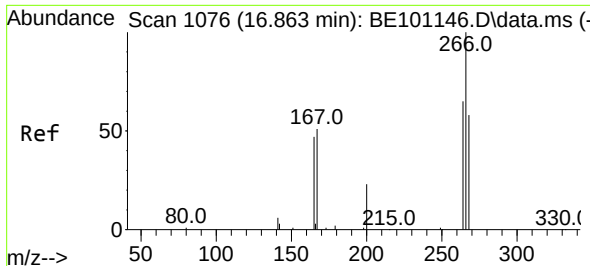
Tgt Ion:172	Resp:	14239
Ion Ratio	Lower	Upper
172	100	
171	33.9	26.4 39.6
170	22.4	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.015 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion:188	Resp:	22009
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.8	4.8 7.2#

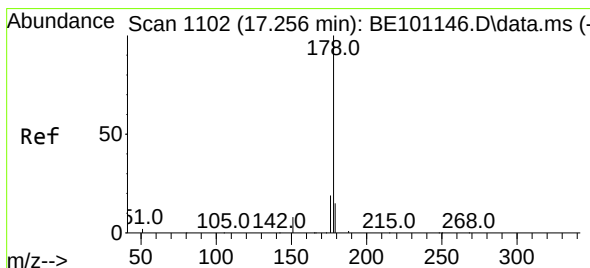
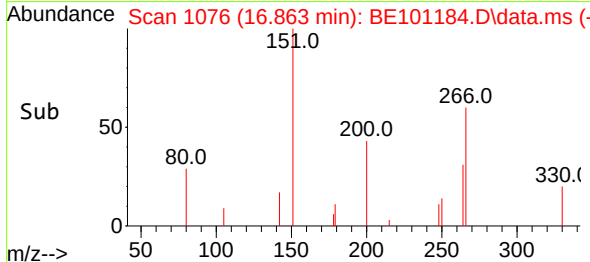
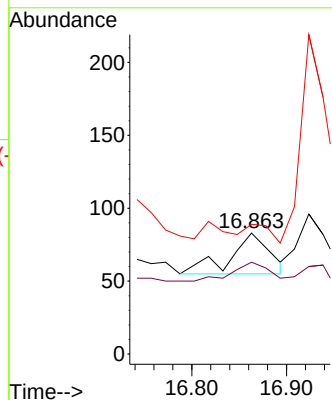
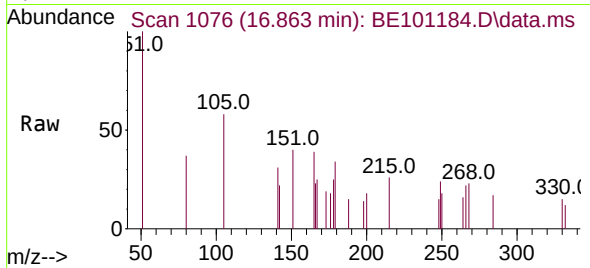




#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

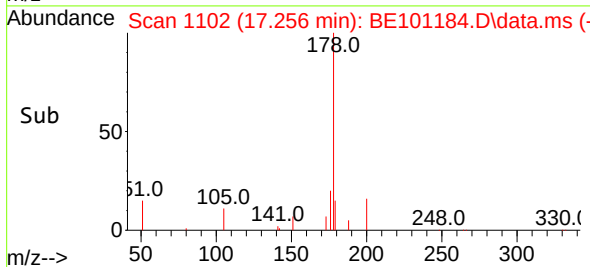
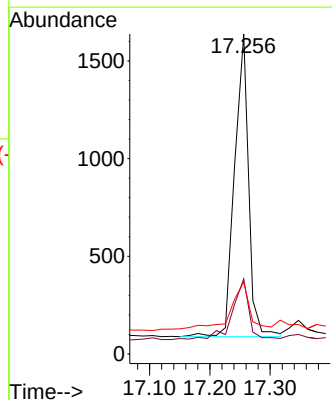
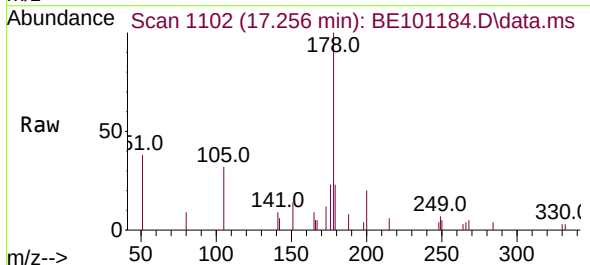
Instrument :
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RE123D3-20210324

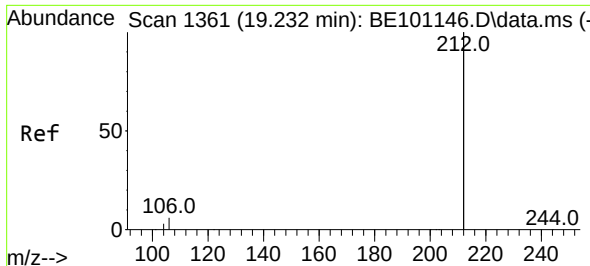
Tgt Ion:266 Resp: 82
Ion Ratio Lower Upper
266 100
264 41.5 51.4 77.0#
268 0.0 49.9 74.9#



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.256 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion:178 Resp: 2500
Ion Ratio Lower Upper
178 100
176 23.8 14.7 22.1#
179 23.6 12.4 18.6#

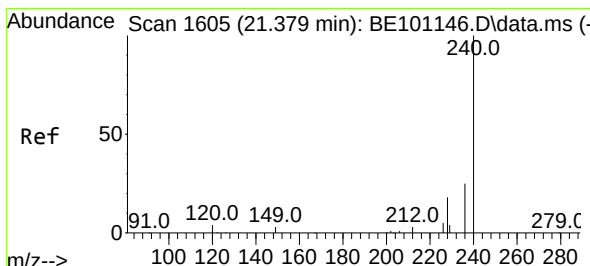
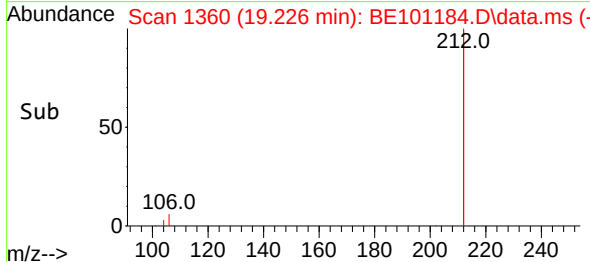
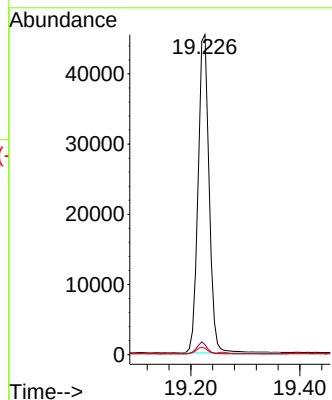
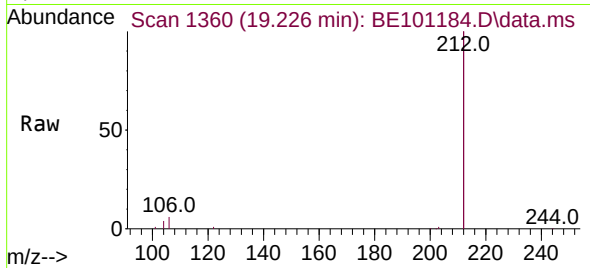




#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

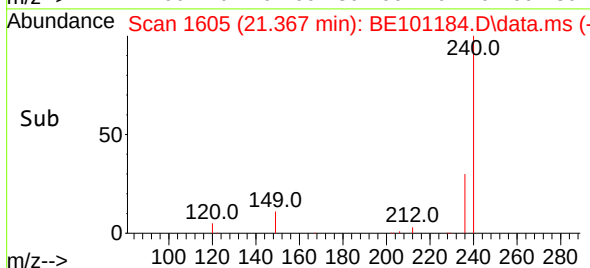
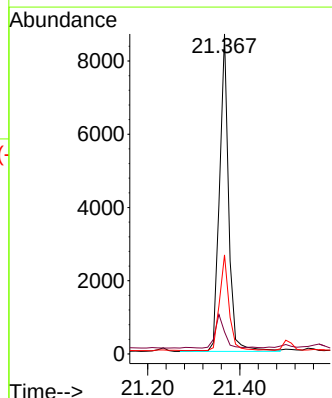
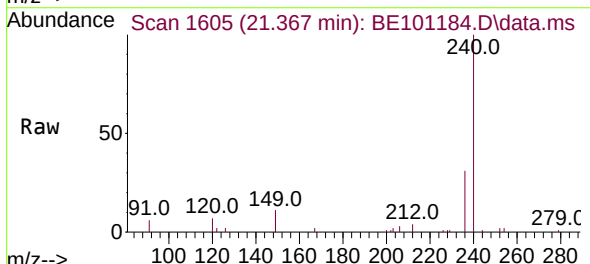
Instrument :
BNA_E
ClientSampleId :
RE123D3-20210324

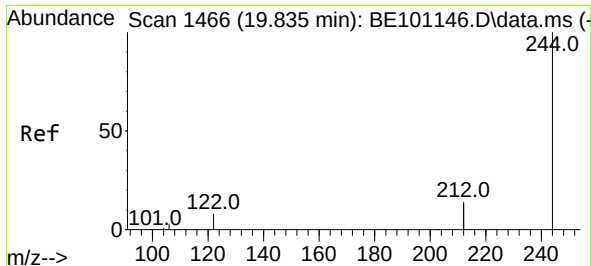
Tgt Ion:212 Resp: 63855
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 2.1 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.367 min Scan# 1605
Delta R.T. -0.012 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion:240 Resp: 11874
Ion Ratio Lower Upper
240 100
120 6.9 4.1 6.1#
236 31.0 20.3 30.5#

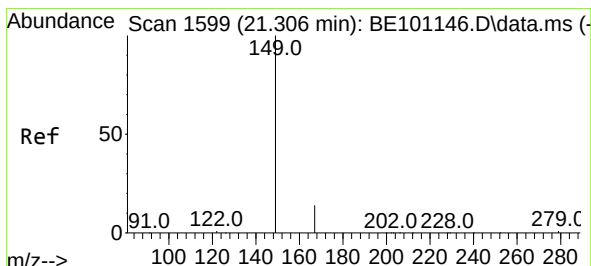
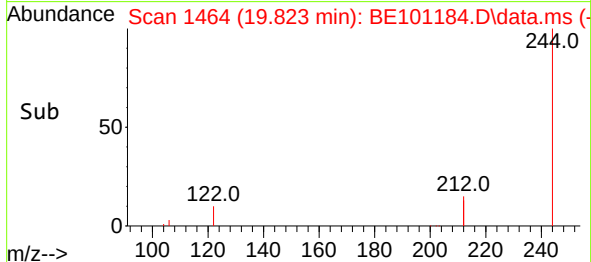
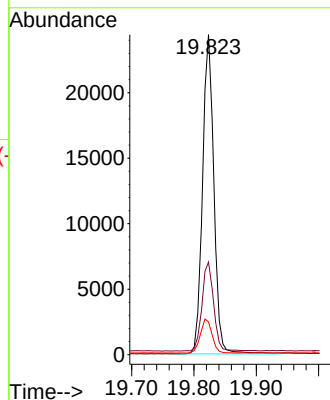
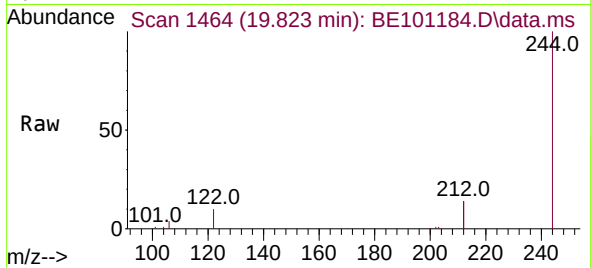




#31
Terphenyl-d14
Concen: 1.14 ng
RT: 19.823 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

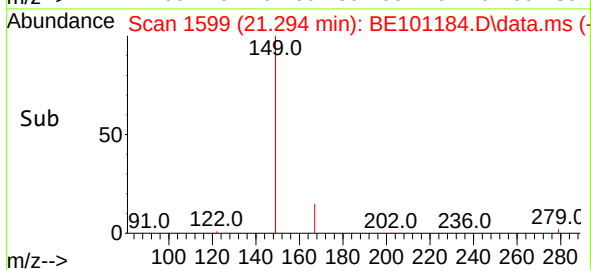
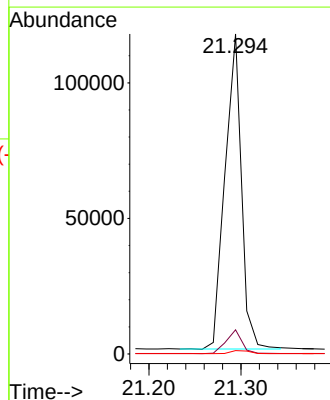
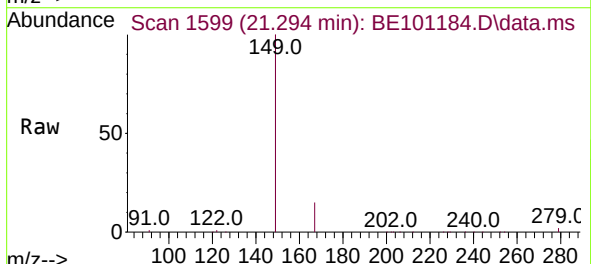
Instrument :
BNA_E
ClientSampleId :
RE123D3-20210324

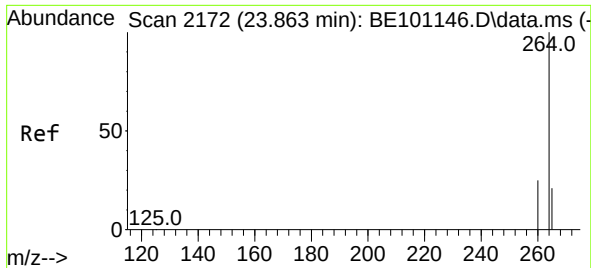
Tgt Ion:244 Resp: 30828
Ion Ratio Lower Upper
244 100
212 29.0 21.7 32.5
122 10.3 6.6 10.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 7.19 ng
RT: 21.294 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion:149 Resp: 144230
Ion Ratio Lower Upper
149 100
167 7.1 5.4 8.2
279 1.1 0.9 1.3

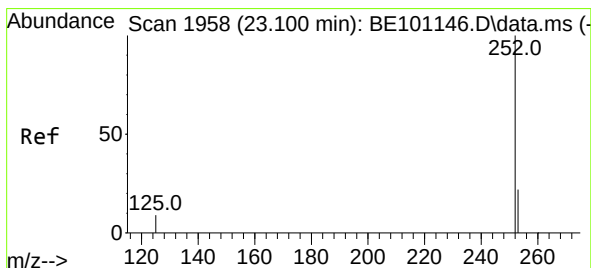
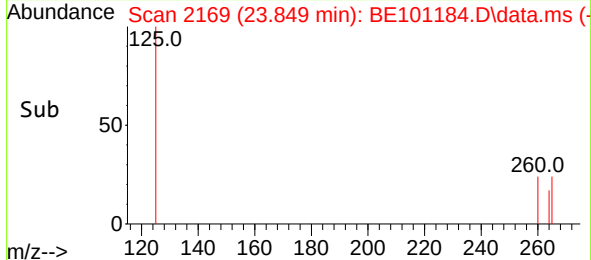
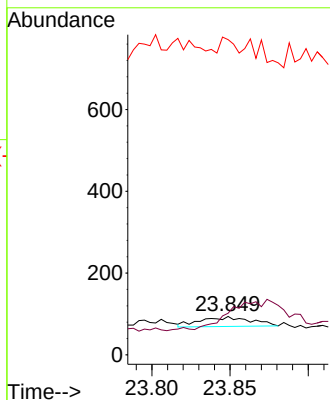
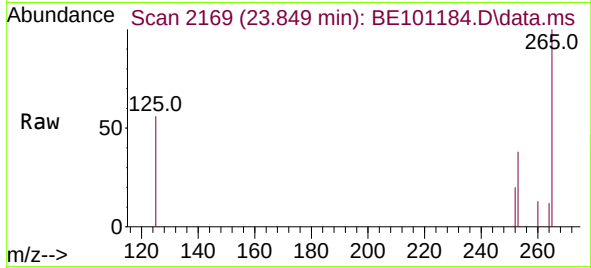




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.849 min Scan# 2169
 Delta R.T. -0.014 min
 Lab File: BE101184.D
 Acq: 1 Apr 2021 19:13

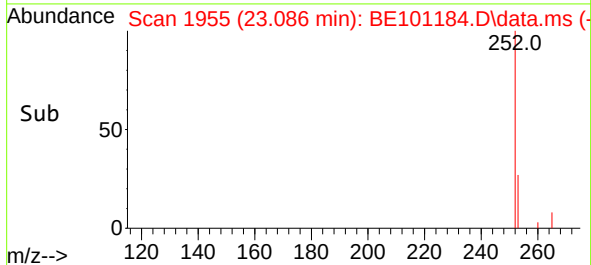
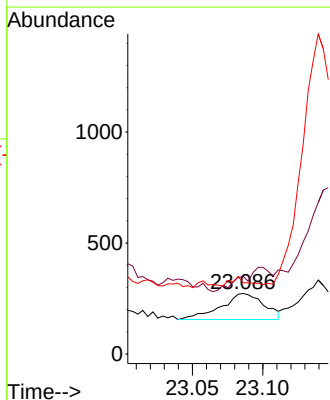
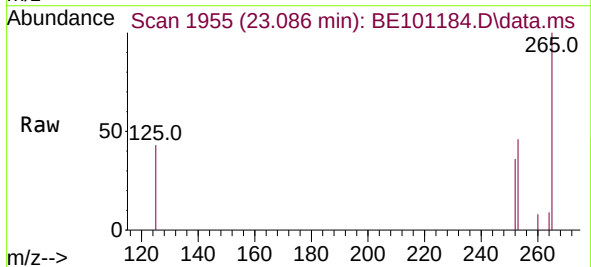
Instrument :
 BNA_E
 ClientSampleId :
 RE123D3-20210324

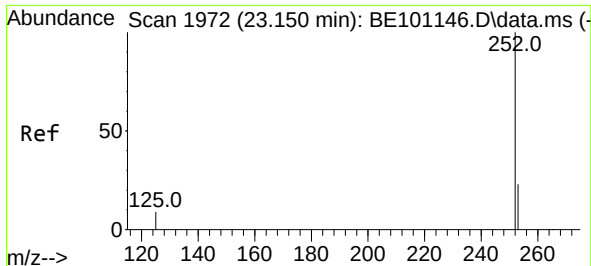
Tgt Ion:264 Resp: 53
 Ion Ratio Lower Upper
 264 100
 260 108.5 20.5 30.7#
 265 820.2 20.6 30.8#



#37
 Benzo(b)fluoranthene
 Concen: 1.81 ng
 RT: 23.086 min Scan# 1955
 Delta R.T. -0.014 min
 Lab File: BE101184.D
 Acq: 1 Apr 2021 19:13

Tgt Ion:252 Resp: 252
 Ion Ratio Lower Upper
 252 100
 253 128.2 17.8 26.8#
 125 117.6 7.5 11.3#

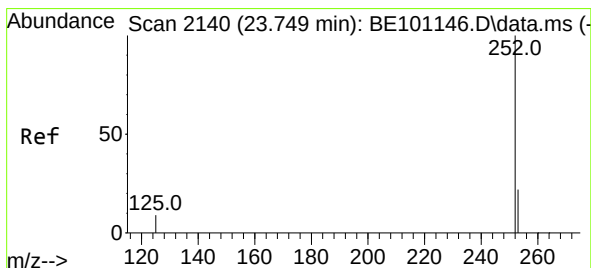
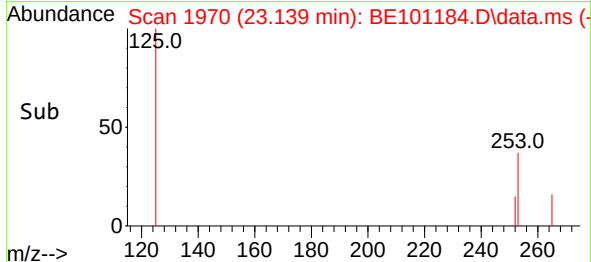
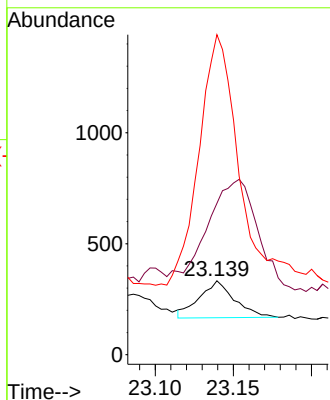
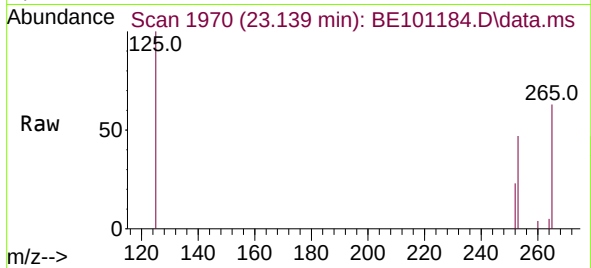




#38
Benzo(k)fluoranthene
Concen: 1.46 ng
RT: 23.139 min Scan# 1970
Delta R.T. -0.011 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

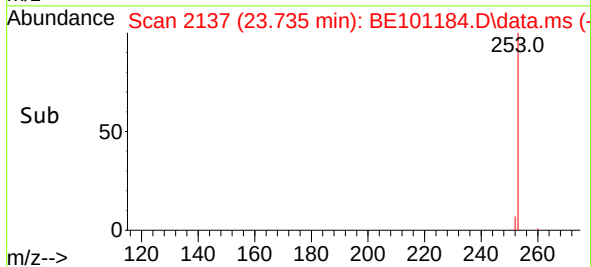
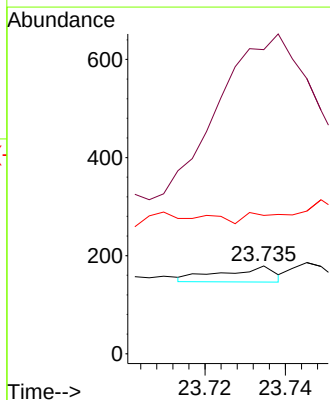
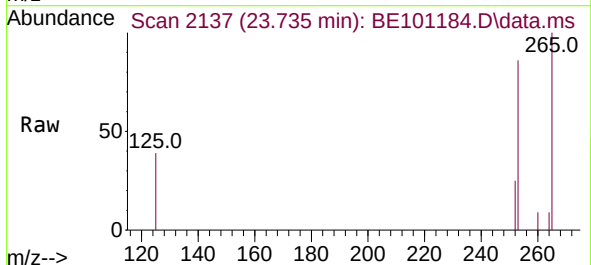
Instrument :
BNA_E
ClientSampleId :
RE123D3-20210324

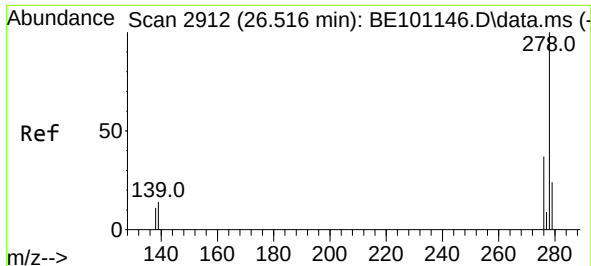
Tgt Ion:252 Resp: 260
Ion Ratio Lower Upper
252 100
253 204.8 18.2 27.4#
125 433.0 7.5 11.3#



#39
Benzo(a)pyrene
Concen: 0.22 ng
RT: 23.735 min Scan# 2137
Delta R.T. -0.014 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion:252 Resp: 29
Ion Ratio Lower Upper
252 100
253 346.4 18.6 28.0#
125 157.5 8.3 12.5#

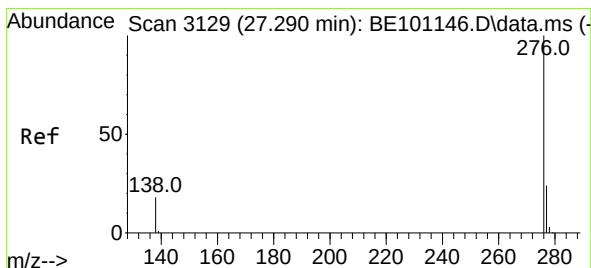
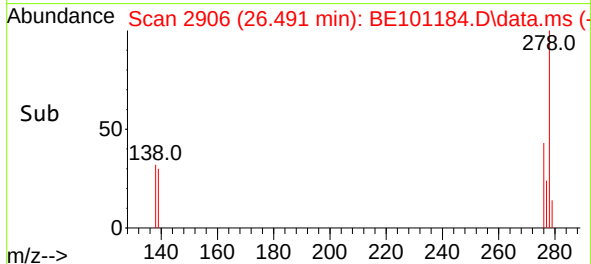
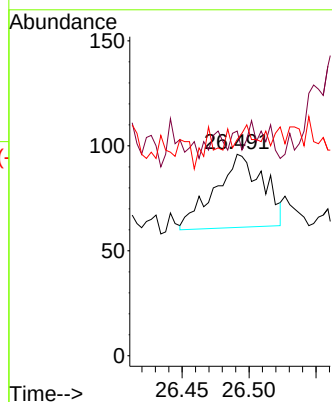
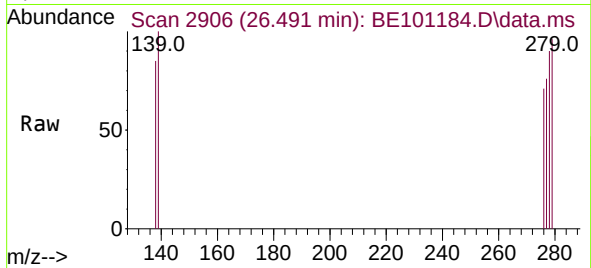




#40
Dibenzo(a,h)anthracene
Concen: 0.74 ng
RT: 26.491 min Scan# 2906
Delta R.T. -0.025 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Instrument :
BNA_E
ClientSampleId :
RE123D3-20210324

Tgt Ion:278 Resp: 87
Ion Ratio Lower Upper
278 100
139 111.5 12.0 18.0#
279 107.3 20.2 30.4#



#41
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 27.254 min Scan# 3120
Delta R.T. -0.035 min
Lab File: BE101184.D
Acq: 1 Apr 2021 19:13

Tgt Ion:276 Resp: 16
Ion Ratio Lower Upper
276 100
277 107.1 19.7 29.5#
138 128.6 15.3 22.9#

