

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
 Data File : BM028321.D
 Acq On : 01 Jan 2021 00:40
 Operator : JU/CG
 Sample : L5123-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TT180D1-20201214

Quant Time: Jan 01 01:21:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 16:18:03 2020
 Response via : Initial Calibration

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

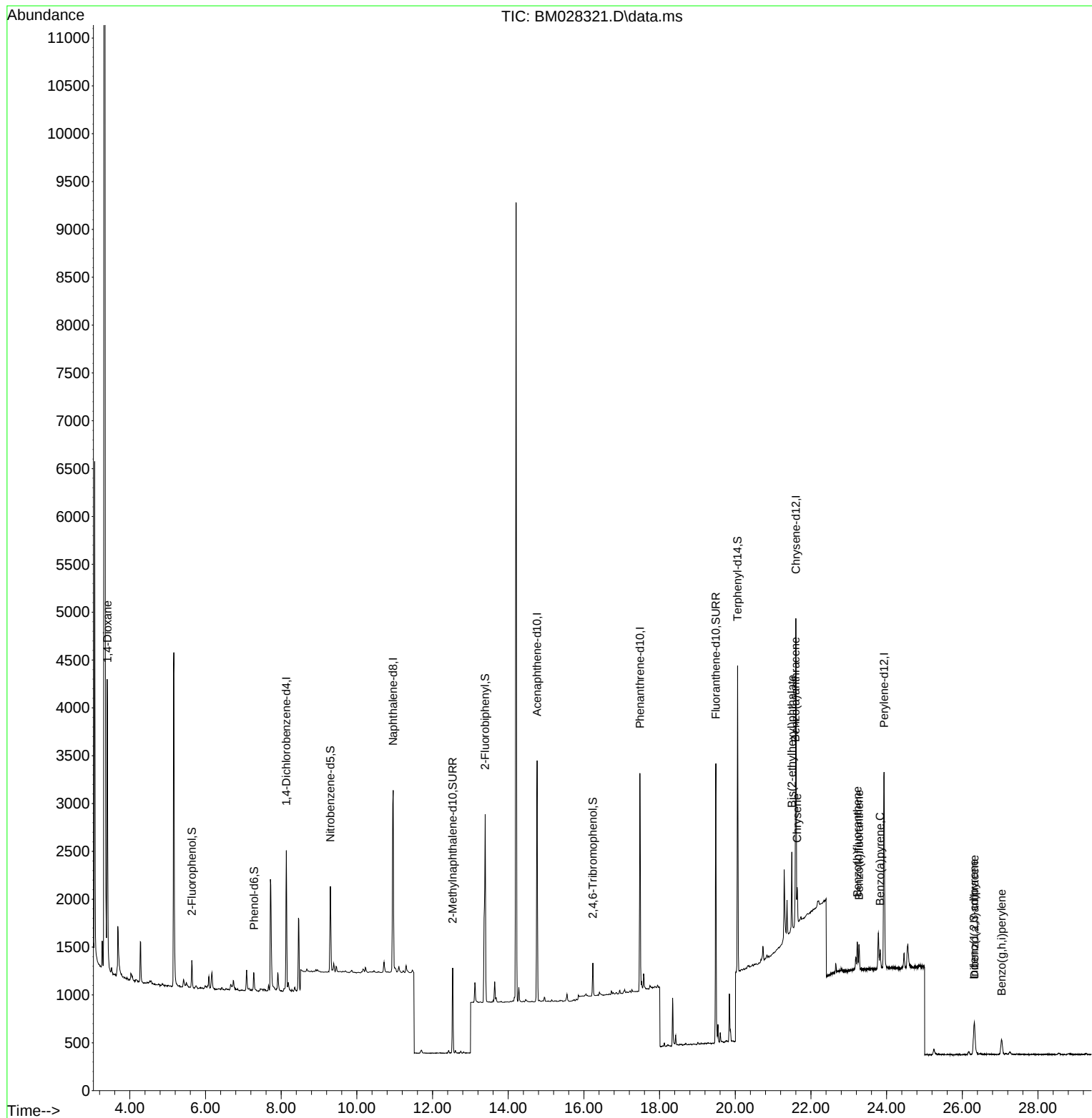
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	675	0.40	ng	0.00
7) Naphthalene-d8	10.959	136	2727	0.40	ng	0.00
13) Acenaphthene-d10	14.764	164	1437	0.40	ng	0.00
19) Phenanthrene-d10	17.481	188	2898	0.40	ng	# 0.00
27) Chrysene-d12	21.601	240	2839	0.40	ng	#-0.01
34) Perylene-d12	23.931	264	2786	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.638	112	218	0.09	ng	0.00
5) Phenol-d6	7.281	99	172	0.06	ng	0.00
8) Nitrobenzene-d5	9.299	82	672	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.531	152	1168	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.237	330	181	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.390	172	1585	0.26	ng	0.00
25) Fluoranthene-d10	19.486	212	3058	0.34	ng	0.00
29) Terphenyl-d14	20.061	244	2882	0.41	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	1746	1.84	ng	87
30) Benzo(a)anthracene	21.590	228	302	0.03	ng	# 70
31) Chrysene	21.632	228	343	0.04	ng	# 72
32) Bis(2-ethylhexyl)phtha...	21.494	149	718	0.16	ng	94
33) Indeno(1,2,3-cd)pyrene	26.310	276	347	0.03	ng	# 81
35) Benzo(b)fluoranthene	23.226	252	369	0.04	ng	# 1
36) Benzo(k)fluoranthene	23.270	252	321	0.03	ng	# 1
37) Benzo(a)pyrene	23.825	252	304	0.03	ng	# 1
38) Dibenzo(a,h)anthracene	26.320	278	307	0.03	ng	# 1
39) Benzo(g,h,i)perylene	27.039	276	345	0.04	ng	# 31

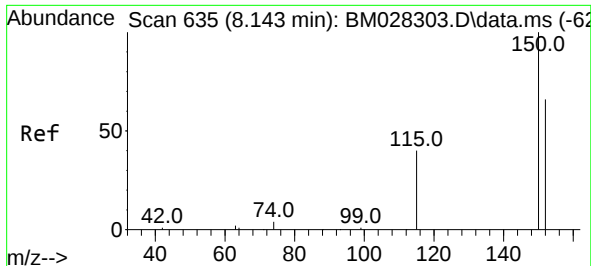
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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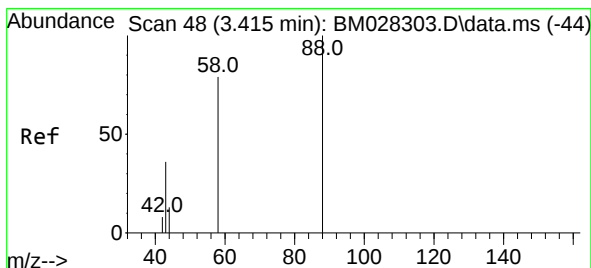
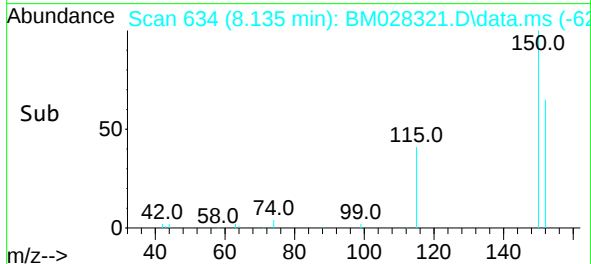
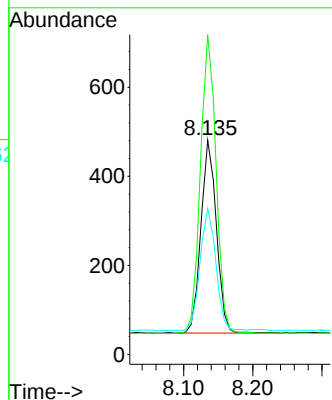
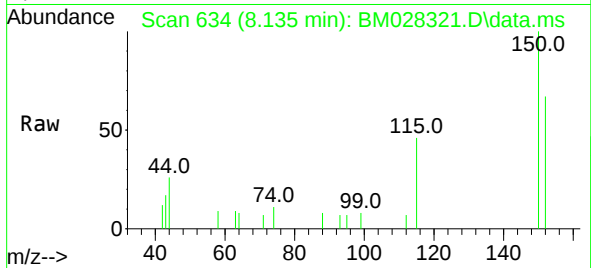




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.135 min Scan# 634
Delta R.T. -0.008 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

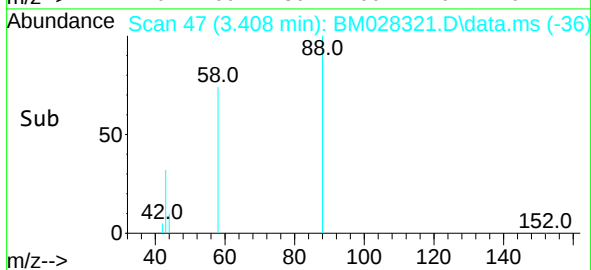
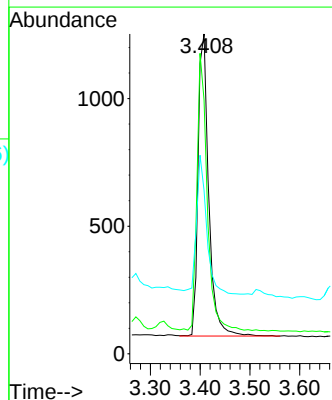
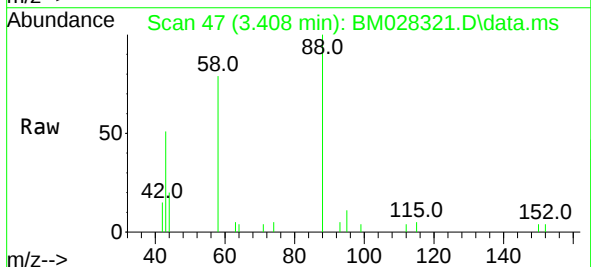
Instrument :
BNA_M
ClientSampleId :
TT180D1-20201214

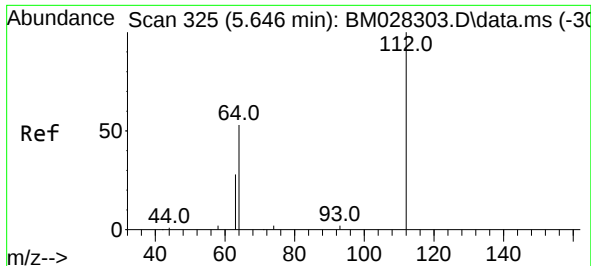
Tgt Ion:152 Resp: 675
Ion Ratio Lower Upper
152 100
150 149.3 116.6 174.8
115 68.0 52.9 79.3



#2
1,4-Dioxane
Concen: 1.84 ng
RT: 3.408 min Scan# 47
Delta R.T. -0.008 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion: 88 Resp: 1746
Ion Ratio Lower Upper
88 100
58 88.9 59.4 89.2
43 43.4 32.3 48.5

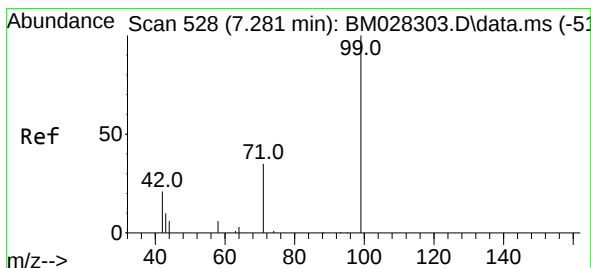
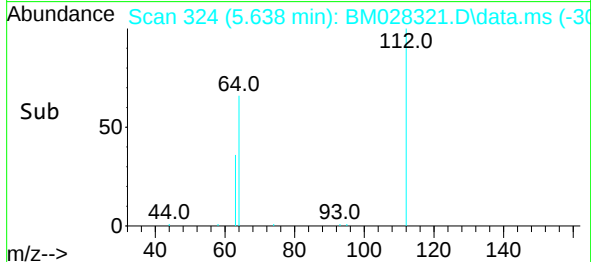
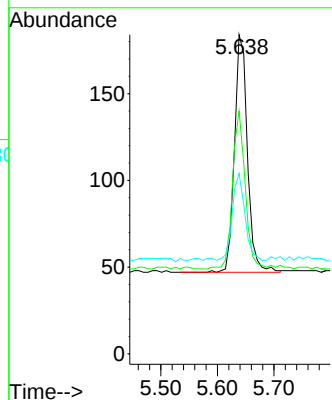
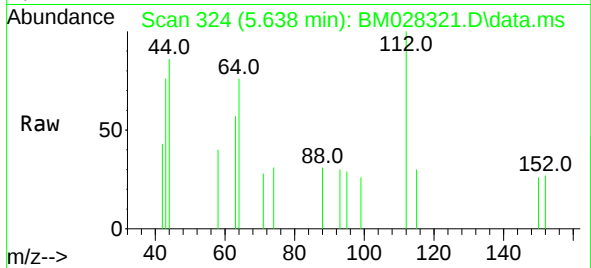




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.638 min Scan# 324
Delta R.T. -0.008 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

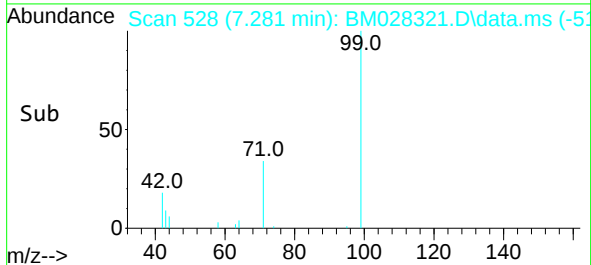
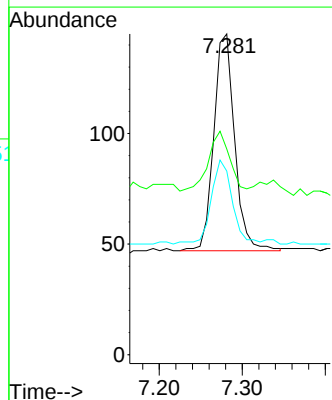
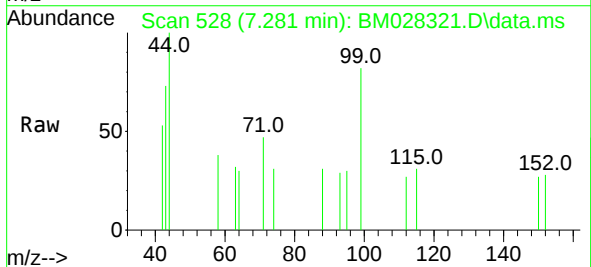
Instrument :
BNA_M
ClientSampleId :
TT180D1-20201214

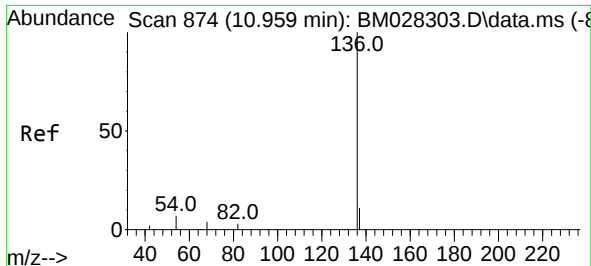
Tgt Ion:	112	Resp:	218
Ion	Ratio	Lower	Upper
112	100		
64	65.1	49.5	74.3
63	35.3	32.0	48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 7.281 min Scan# 528
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:	99	Resp:	172
Ion	Ratio	Lower	Upper
99	100		
42	27.9	22.4	33.6
71	39.0	37.8	56.6

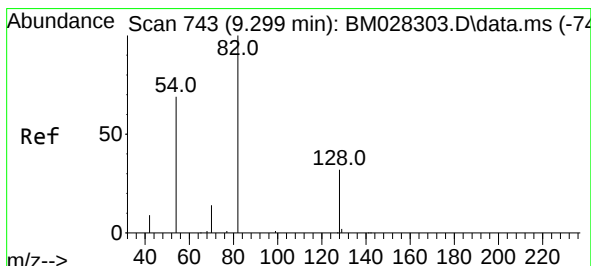
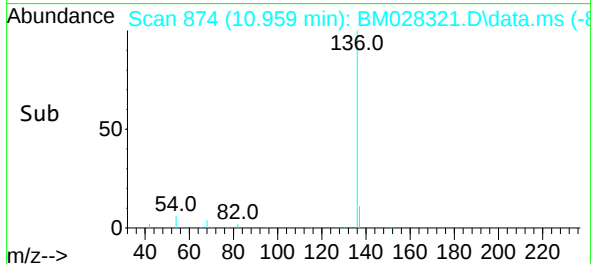
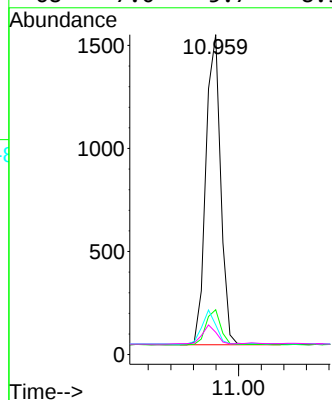
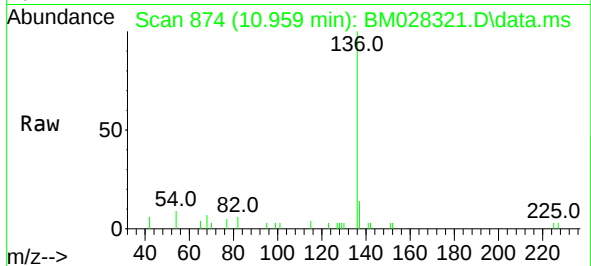




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.959 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

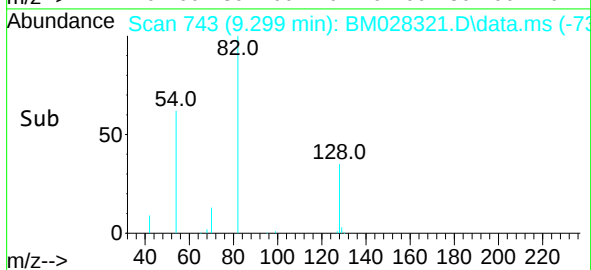
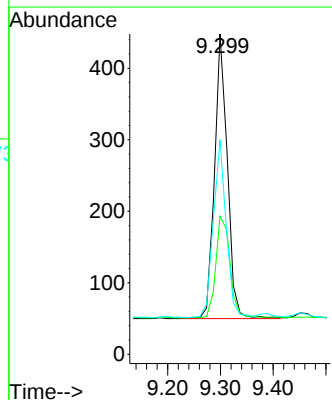
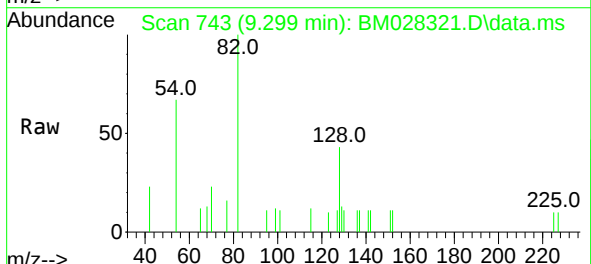
Instrument :
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ClientSampleId :
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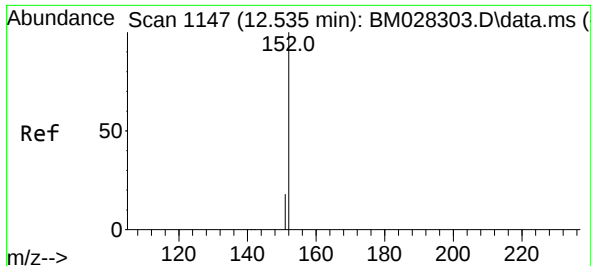
Tgt Ion:	136	Resp:	2727
Ion	Ratio	Lower	Upper
136	100		
137	14.0	10.6	15.8
54	9.3	8.6	12.8
68	7.0	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 9.299 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:	82	Resp:	672
Ion	Ratio	Lower	Upper
82	100		
128	43.1	30.6	46.0
54	67.0	48.3	72.5

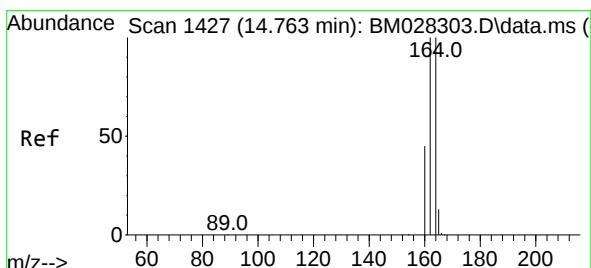
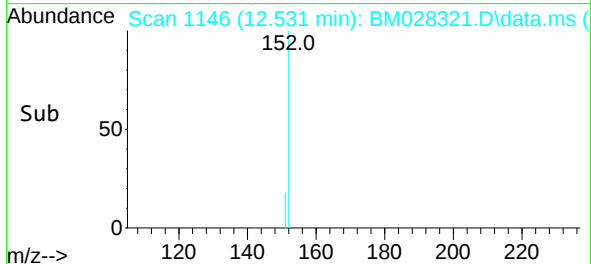
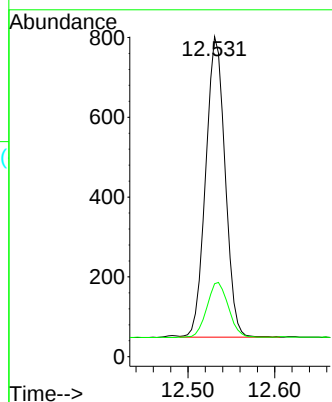
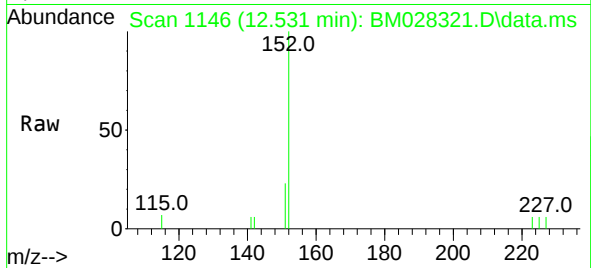




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.531 min Scan# 1146
Delta R.T. -0.004 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

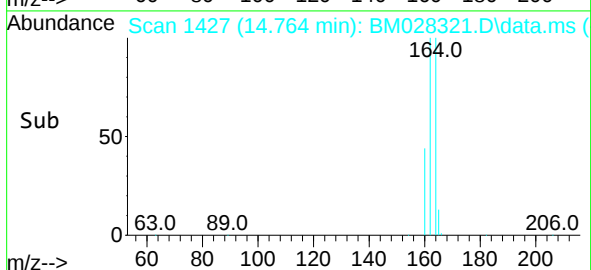
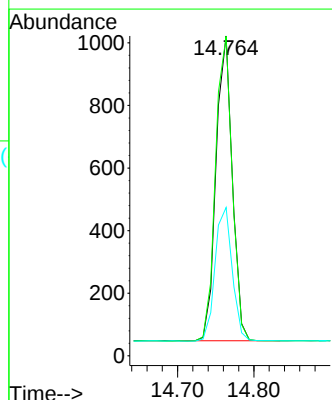
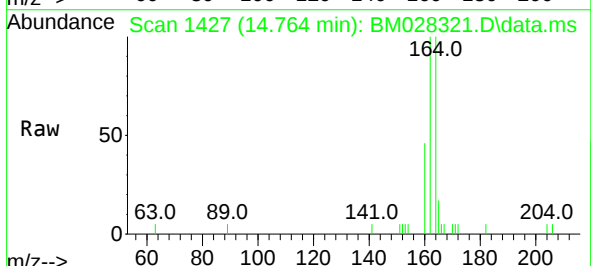
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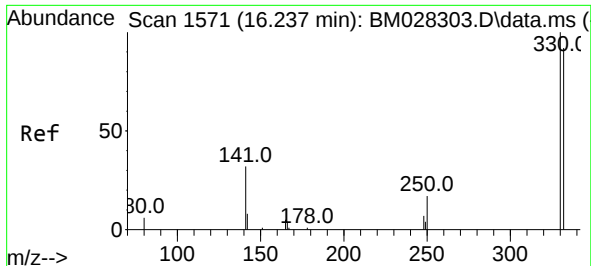
Tgt Ion:152 Resp: 1168
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.764 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:164 Resp: 1437
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 46.4 39.5 59.3

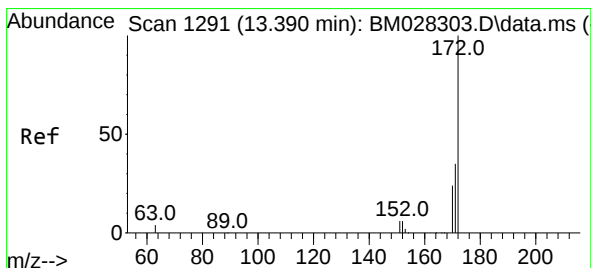
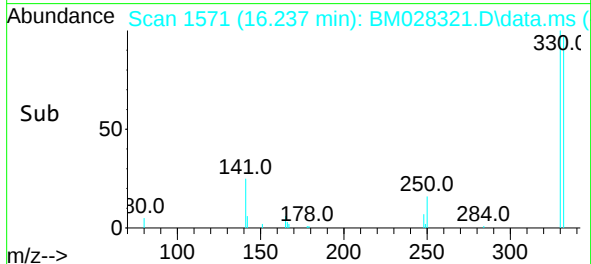
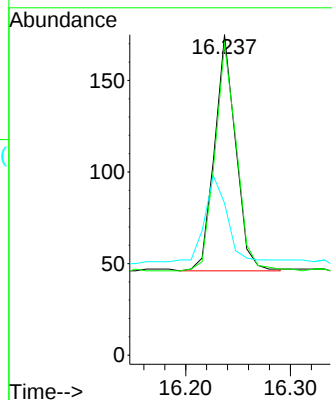
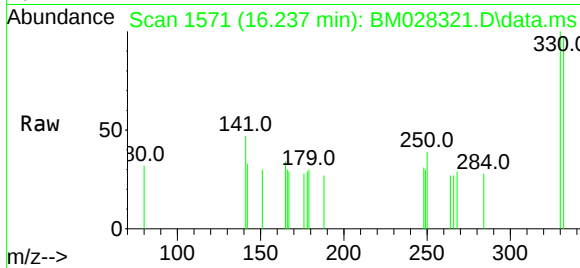




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 16.237 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

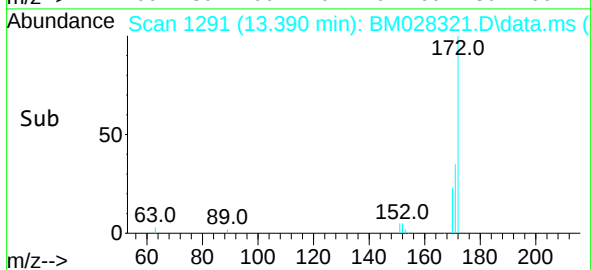
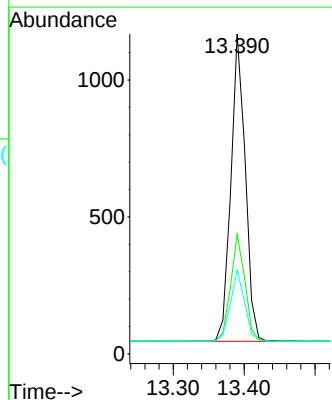
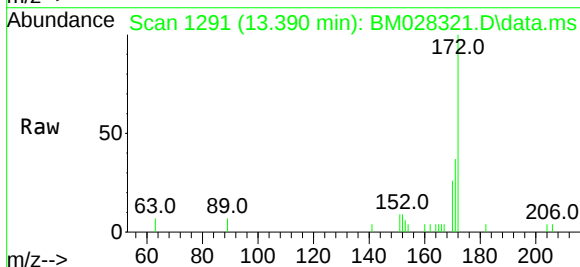
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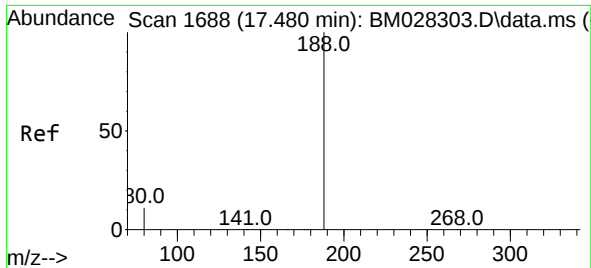
Tgt Ion: 330 Resp: 181
Ion Ratio Lower Upper
330 100
332 98.3 0.0 0.0#
141 39.2 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 13.390 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion: 172 Resp: 1585
Ion Ratio Lower Upper
172 100
171 37.4 28.2 42.4
170 26.2 20.0 30.0

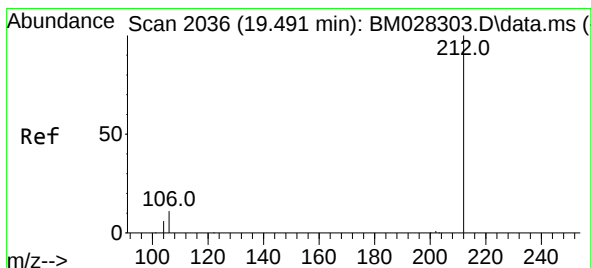
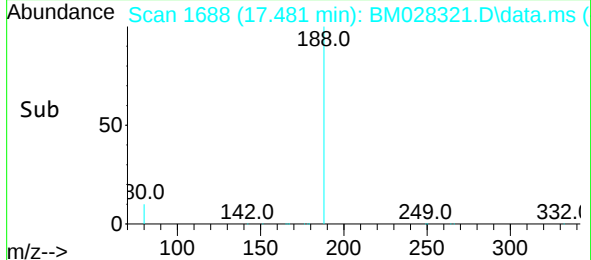
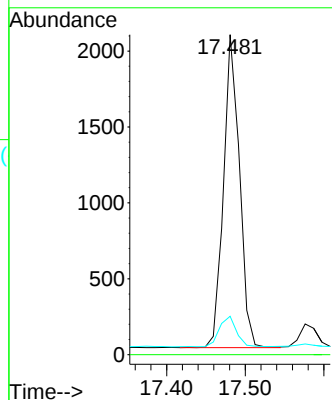
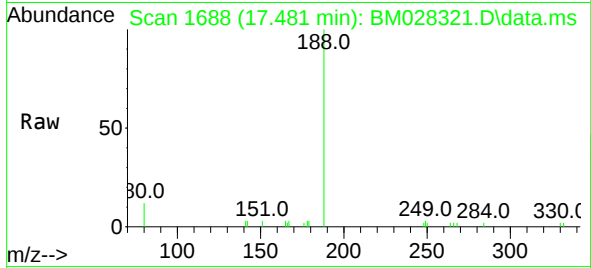




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.481 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

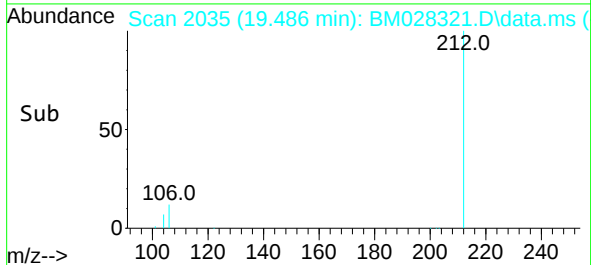
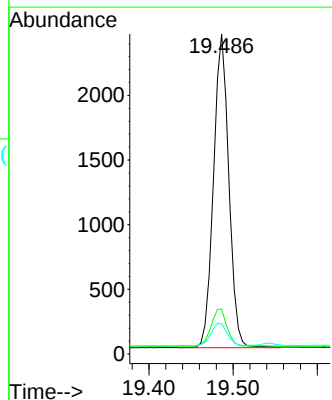
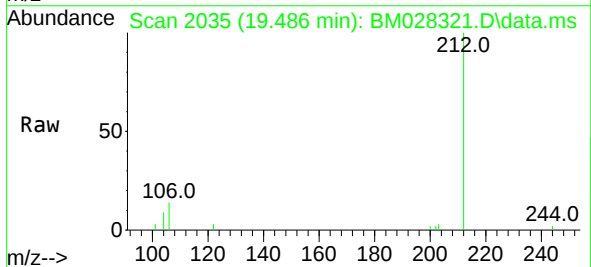
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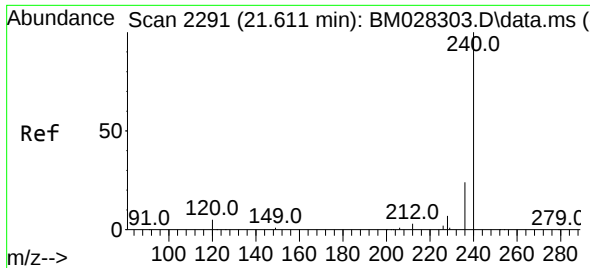
Tgt Ion:188 Resp: 2898
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 5.0 7.4#



#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.486 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:212 Resp: 3058
Ion Ratio Lower Upper
212 100
106 12.4 6.8 10.2#
104 7.9 4.1 6.1#

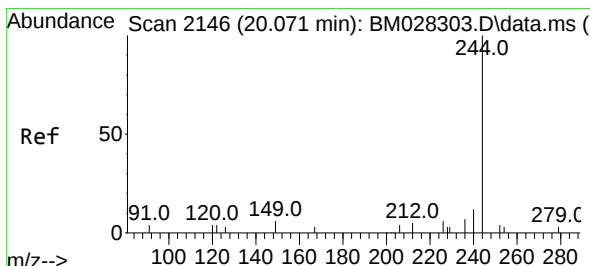
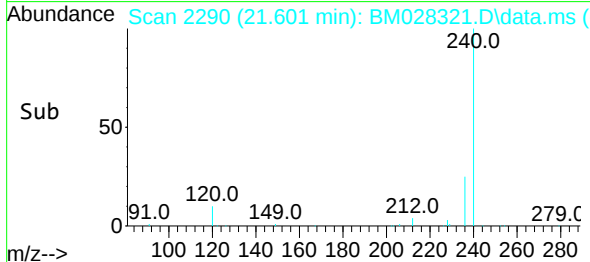
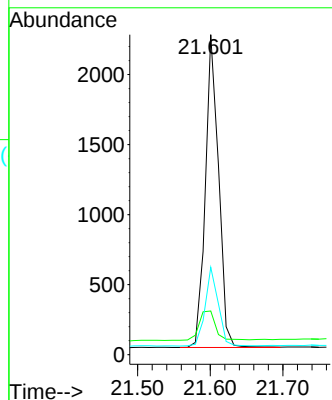
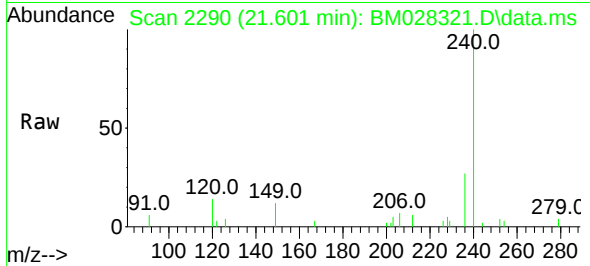




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.601 min Scan# 2290
Delta R.T. -0.010 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

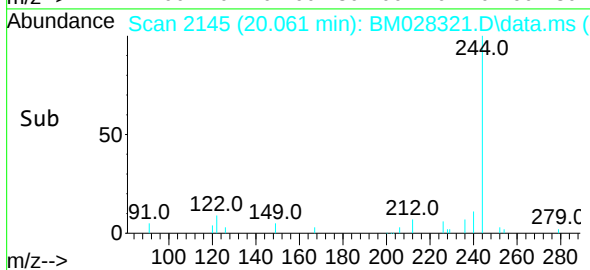
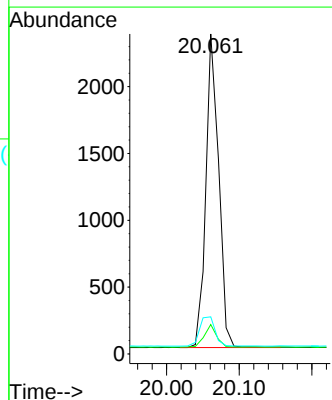
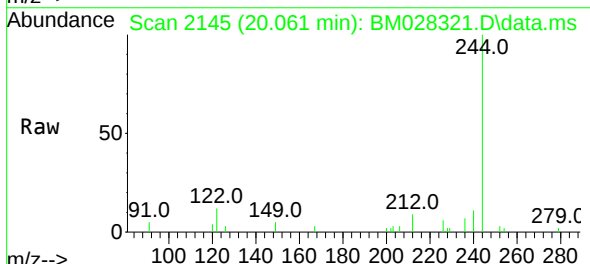
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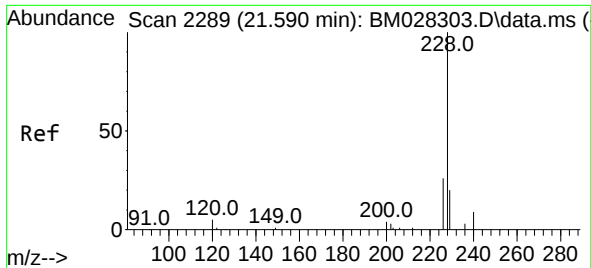
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Ion Ratio Lower Upper
240 100
120 13.6 5.3 7.9#
236 27.3 21.8 32.8



#29
Terphenyl-d14
Concen: 0.41 ng
RT: 20.061 min Scan# 2145
Delta R.T. -0.010 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:244 Resp: 2882
Ion Ratio Lower Upper
244 100
212 9.2 7.3 10.9
122 11.6 7.3 10.9#

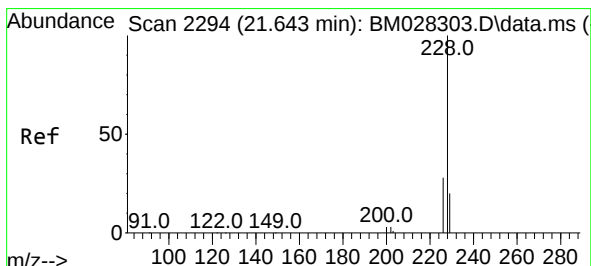
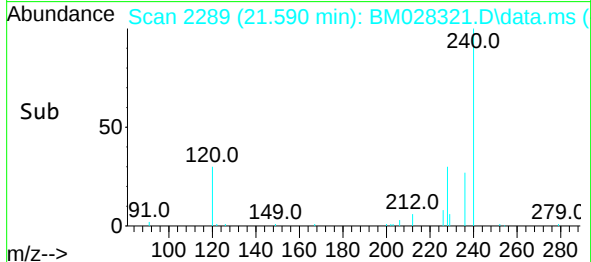
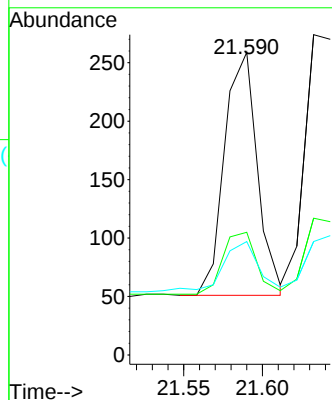
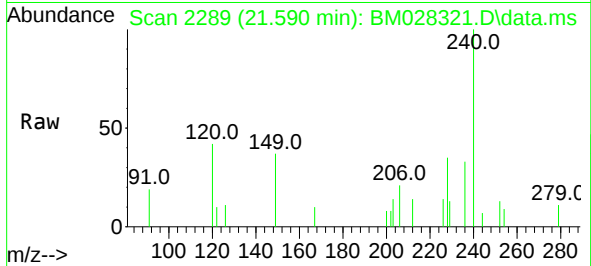




#30
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.590 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

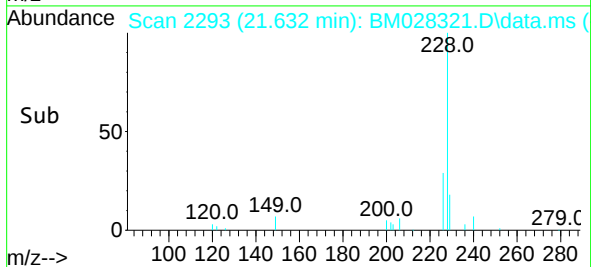
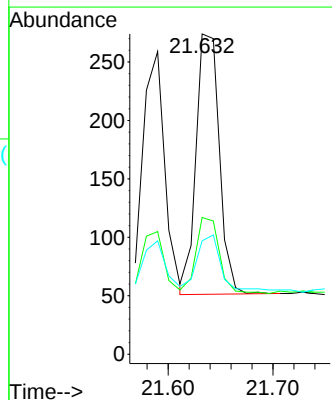
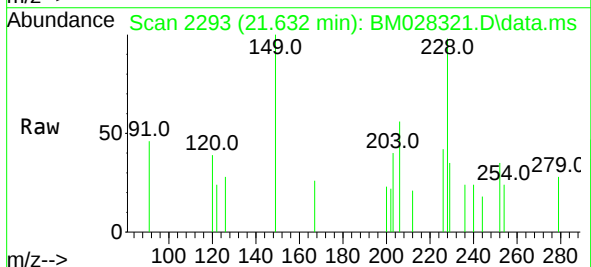
Instrument :
BNA_M
ClientSampleId :
TT180D1-20201214

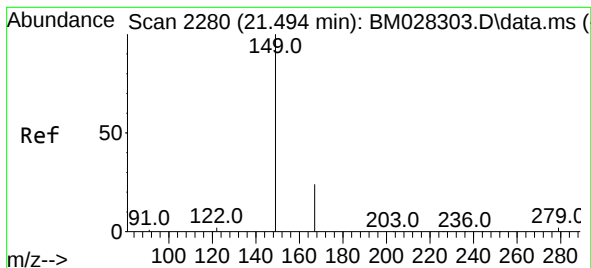
Tgt Ion:228 Resp: 302
Ion Ratio Lower Upper
228 100
226 40.5 22.3 33.5#
229 37.5 15.7 23.5#



#31
Chrysene
Concen: 0.04 ng
RT: 21.632 min Scan# 2293
Delta R.T. -0.010 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:228 Resp: 343
Ion Ratio Lower Upper
228 100
226 42.7 24.2 36.2#
229 35.4 15.7 23.5#

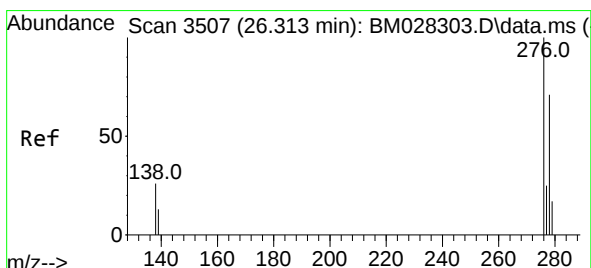
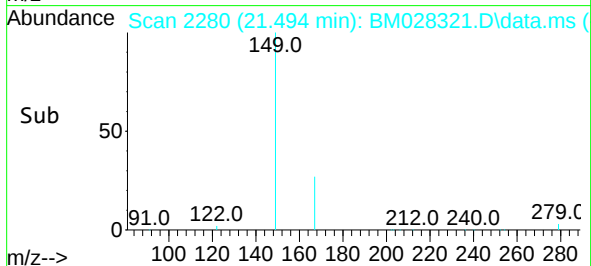
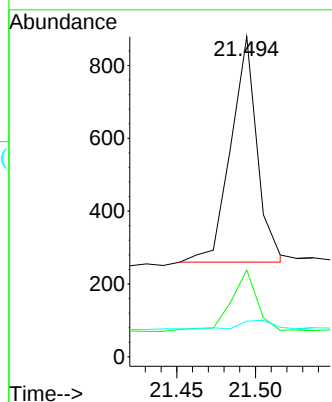
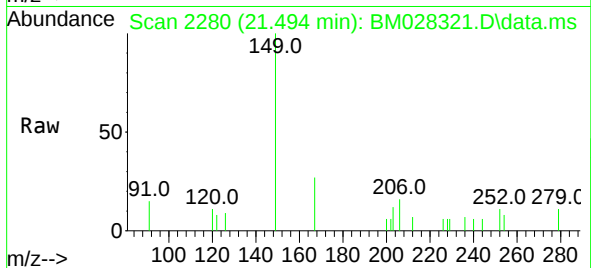




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.494 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BM028321.D
 Acq: 01 Jan 2021 00:40

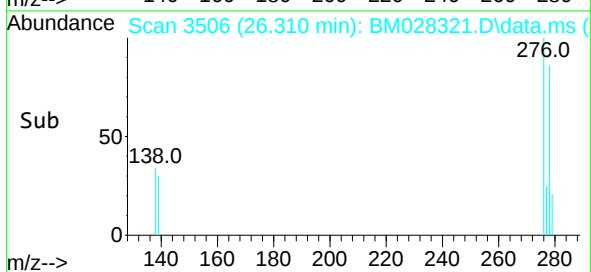
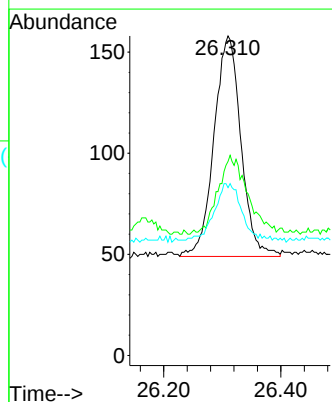
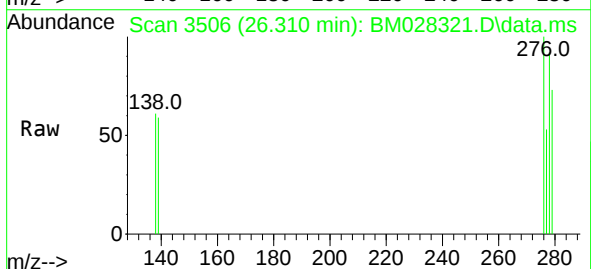
Instrument :
 BNA_M
 ClientSampleId :
 TT180D1-20201214

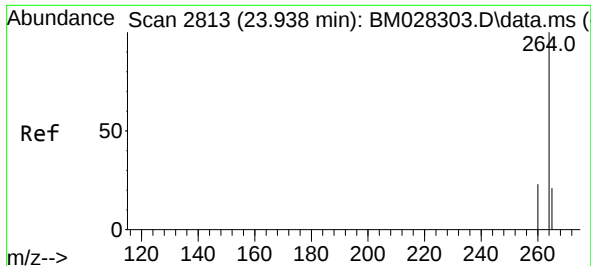
Tgt Ion:149 Resp: 718
 Ion Ratio Lower Upper
 149 100
 167 25.2 23.2 34.8
 279 4.5 3.9 5.9



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 26.310 min Scan# 3506
 Delta R.T. -0.003 min
 Lab File: BM028321.D
 Acq: 01 Jan 2021 00:40

Tgt Ion:276 Resp: 347
 Ion Ratio Lower Upper
 276 100
 138 36.6 13.3 19.9#
 277 25.1 20.2 30.4

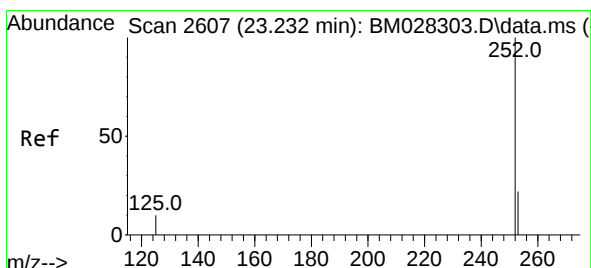
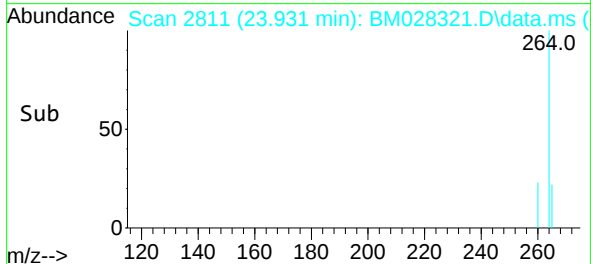
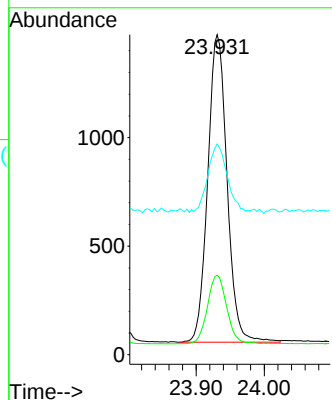
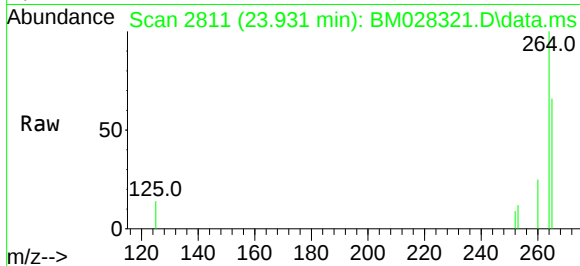




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.931 min Scan# 2811
Delta R.T. -0.007 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

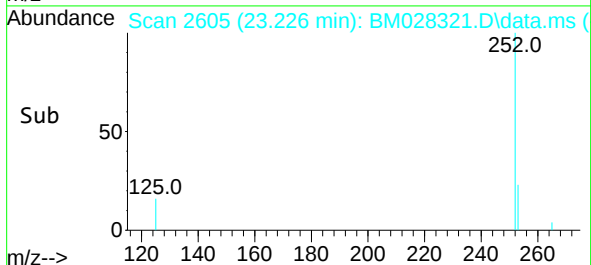
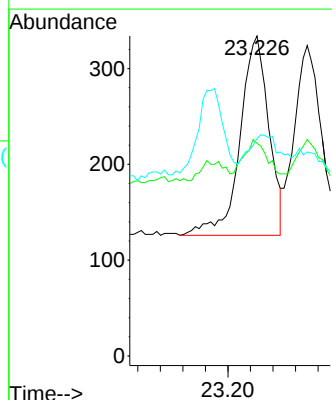
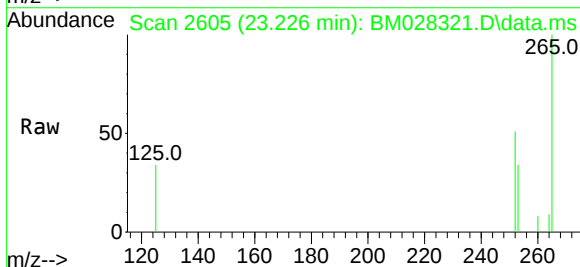
Instrument :
BNA_M
ClientSampleId :
TT180D1-20201214

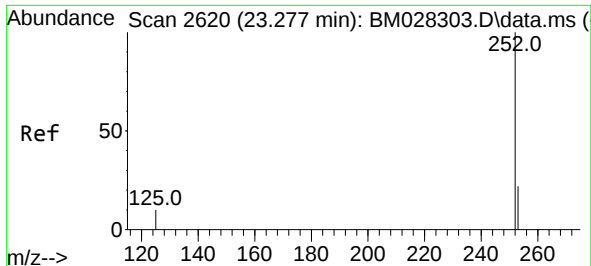
Tgt Ion:264 Resp: 2786
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 65.9 51.4 77.0



#35
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.226 min Scan# 2605
Delta R.T. -0.007 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:252 Resp: 369
Ion Ratio Lower Upper
252 100
253 66.5 20.1 30.1#
125 68.0 7.2 10.8#

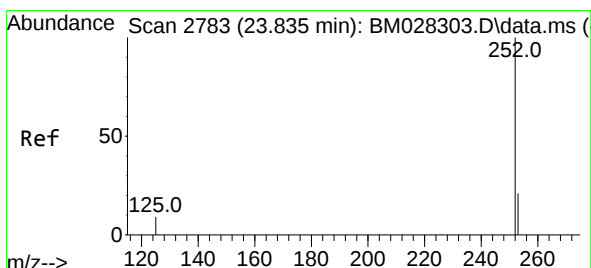
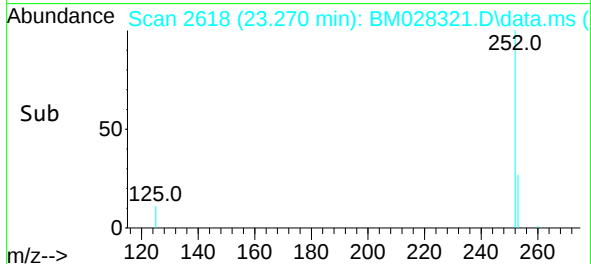
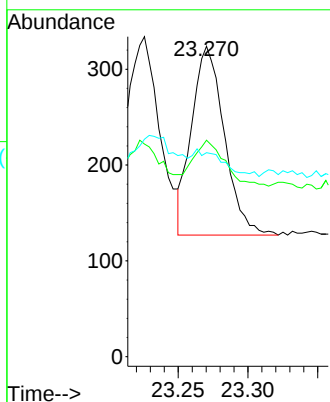
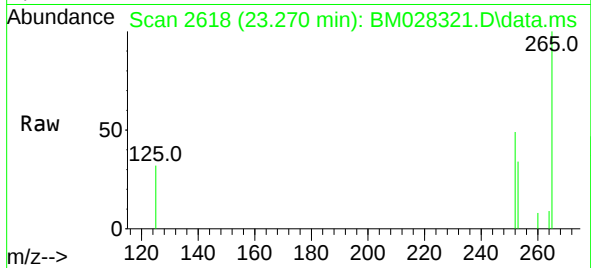




#36
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.270 min Scan# 2618
Delta R.T. -0.007 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

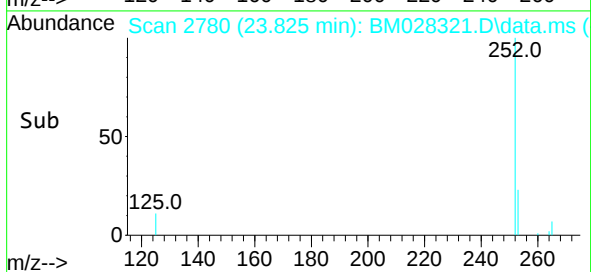
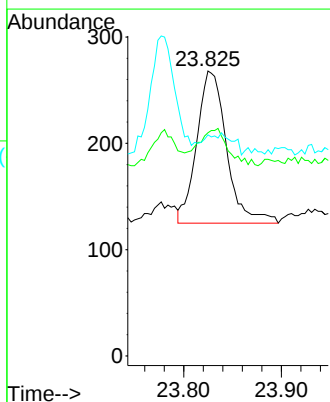
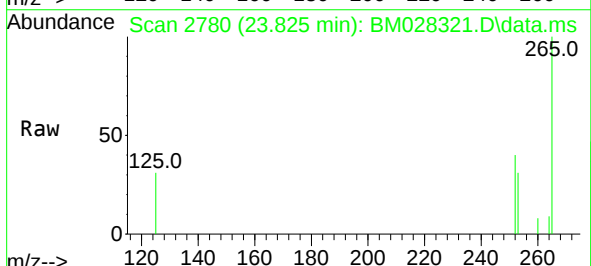
Instrument :
BNA_M
ClientSampleId :
TT180D1-20201214

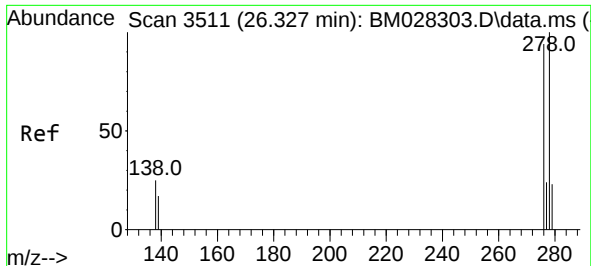
Tgt Ion:252 Resp: 321
Ion Ratio Lower Upper
252 100
253 69.8 19.8 29.8#
125 65.7 7.1 10.7#



#37
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.825 min Scan# 2780
Delta R.T. -0.010 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

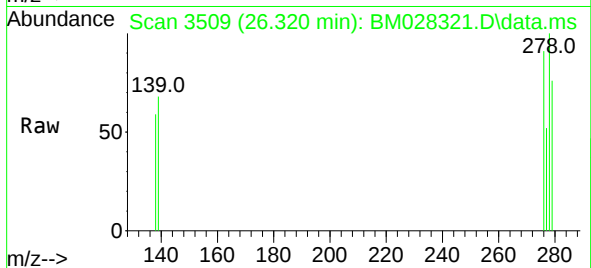
Tgt Ion:252 Resp: 304
Ion Ratio Lower Upper
252 100
253 78.4 21.3 31.9#
125 77.6 8.3 12.5#



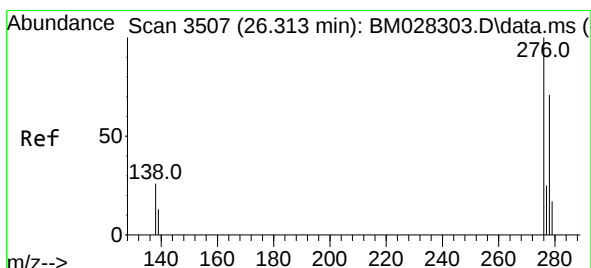
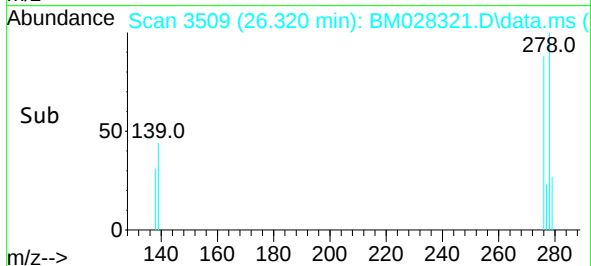
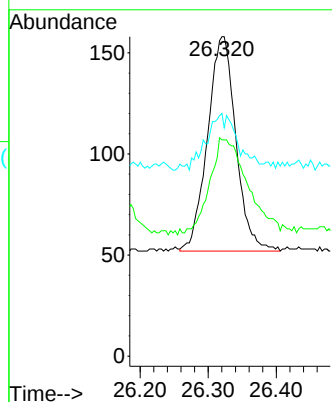


#38
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.320 min Scan# 3509
Delta R.T. -0.007 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Instrument :
BNA_M
ClientSampleId :
TT180D1-20201214



Tgt Ion:278 Resp: 307
Ion Ratio Lower Upper
278 100
139 67.7 9.3 13.9#
279 75.9 21.6 32.4#



#39
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 27.039 min Scan# 3719
Delta R.T. -0.010 min
Lab File: BM028321.D
Acq: 01 Jan 2021 00:40

Tgt Ion:276 Resp: 345
Ion Ratio Lower Upper
276 100
277 52.9 19.8 29.8#
138 52.3 11.7 17.5#

