

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
 Data File : BM029293.D
 Acq On : 31 Mar 2021 14:37
 Operator : CG/JU
 Sample : M1720-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG-2-(0.0-0.5)

Quant Time: Mar 31 15:46:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

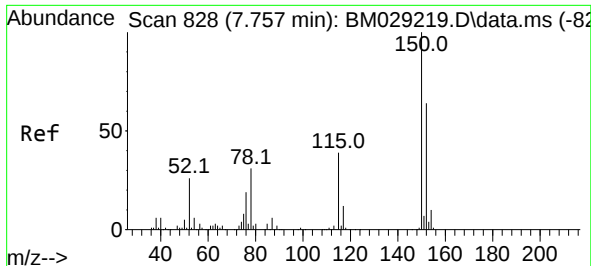
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	143382	20.00	ng	0.00
21) Naphthalene-d8	10.528	136	568924	20.00	ng	0.00
39) Acenaphthene-d10	14.374	164	318888	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	580064	20.00	ng	0.00
76) Chrysene-d12	21.286	240	508118	20.00	ng	0.00
86) Perylene-d12	23.521	264	544637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	811151	97.52	ng	0.00
7) Phenol-d6	6.922	99	1058921	88.71	ng	0.00
23) Nitrobenzene-d5	8.898	82	751311	64.12	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	249993	84.65	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1133116	50.40	ng	0.00
79) Terphenyl-d14	19.739	244	934806	36.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.893	77	26067	3.48	ng	95
32) Benzoic acid	9.828	122	207	4.50	ng	# 6
48) 2-Nitroaniline	13.427	65	223	3.31	ng	# 9
57) 2,4-Dinitrotoluene	14.716	165	66	3.18	ng	# 18
62) 4-Nitroaniline	15.321	138	53	3.59	ng	# 27
65) 4,6-Dinitro-2-methylph...	15.768	198	134	5.38	ng	# 1
71) Phenanthrene	17.157	178	77651	2.31	ng	97
75) Fluoranthene	19.168	202	212726	5.72	ng	99
78) Pyrene	19.527	202	176226	5.12	ng	98
80) Butylbenzylphthalate	20.445	149	2381	3.75	ng	# 72
81) Benzo(a)anthracene	21.268	228	95713	2.89	ng	96
83) Chrysene	21.321	228	109110	3.29	ng	97
84) Bis(2-ethylhexyl)phtha...	21.209	149	17104	4.40	ng	97
85) Di-n-octyl phthalate	22.080	149	1213	4.10	ng	# 63
87) Indeno(1,2,3-cd)pyrene	25.780	276	84803	2.13	ng	96
88) Benzo(b)fluoranthene	22.850	252	171394	4.84	ng	# 92
89) Benzo(k)fluoranthene	22.850	252	171394	4.98	ng	# 92
90) Benzo(a)pyrene	23.421	252	104364	3.25	ng	# 91
92) Benzo(g,h,i)perylene	26.468	276	85532	2.56	ng	95

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

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QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

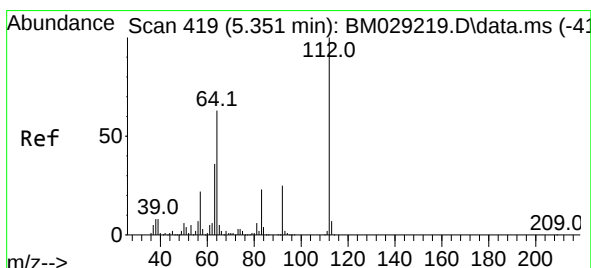
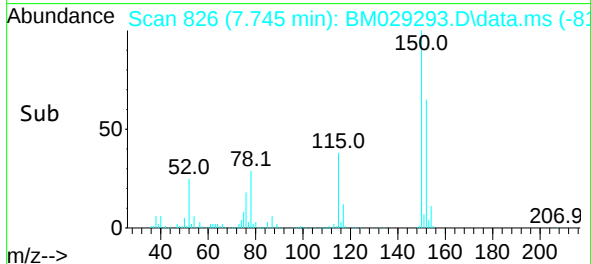
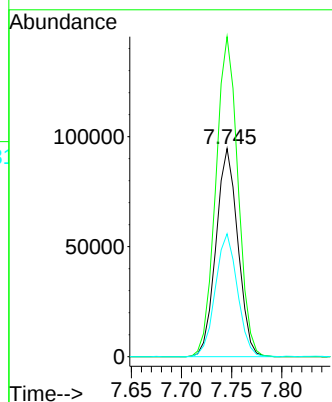
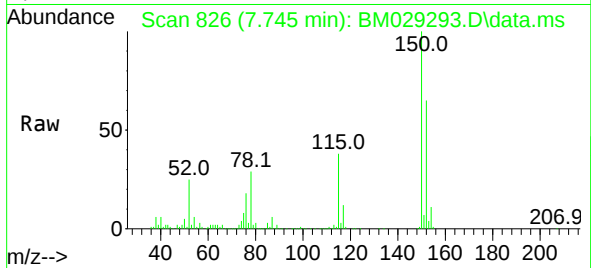




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.745 min Scan# 826
Delta R.T. -0.007 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

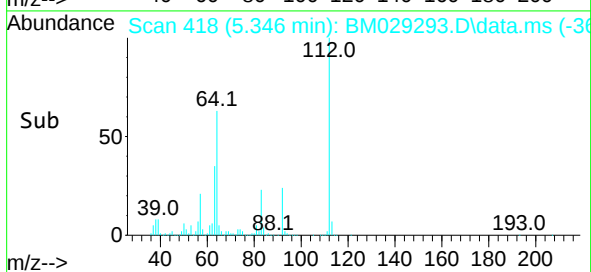
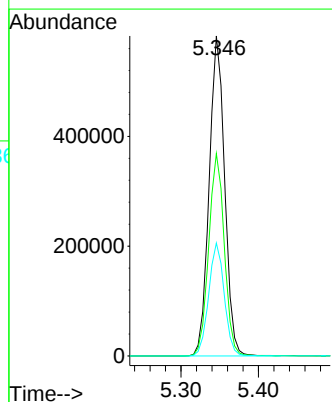
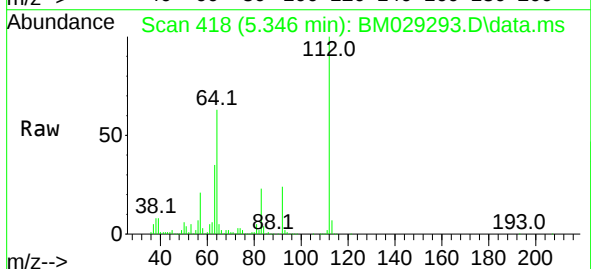
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BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

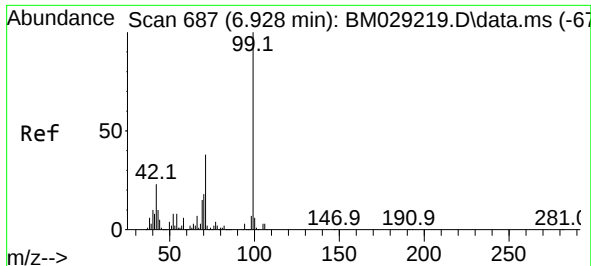
Tgt Ion:152 Resp: 143382
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 59.1 46.4 69.6



#5
2-Fluorophenol
Concen: 97.52 ng
RT: 5.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:112 Resp: 811151
Ion Ratio Lower Upper
112 100
64 63.3 51.6 77.4
63 35.3 29.0 43.4

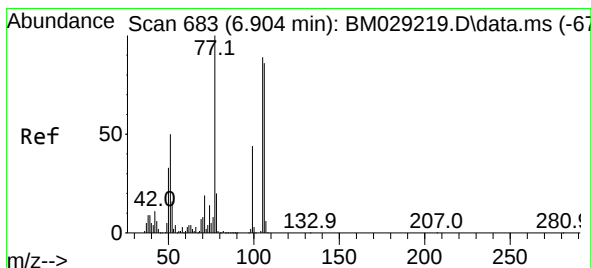
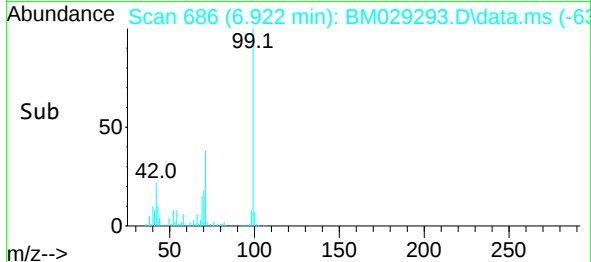
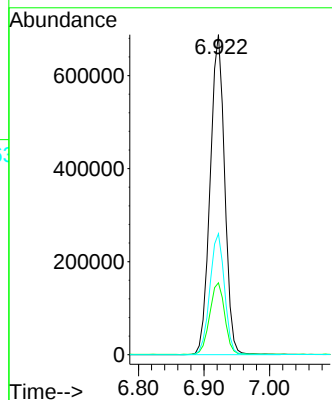
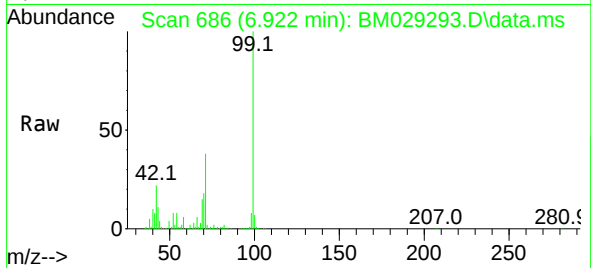




#7
Phenol-d6
Concen: 88.71 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

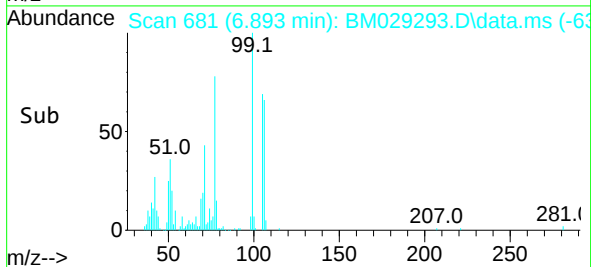
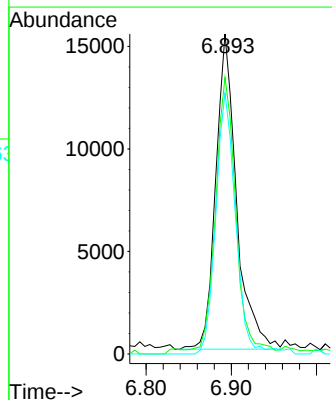
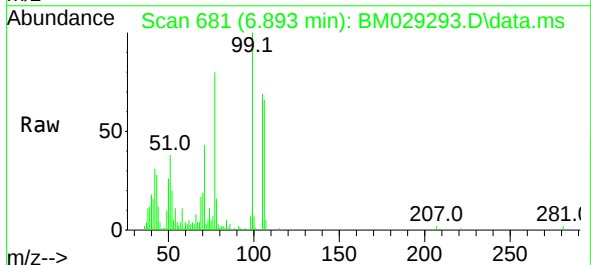
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

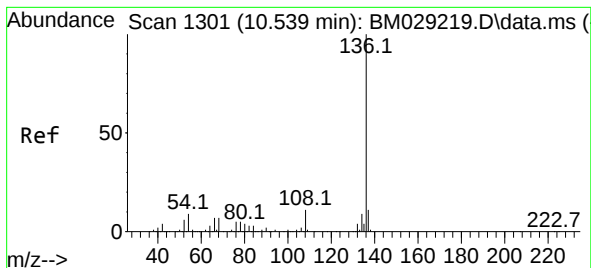
Tgt Ion: 99 Resp: 1058921
Ion Ratio Lower Upper
99 100
42 22.5 18.5 27.7
71 37.8 31.8 47.6



#9
Benzaldehyde
Concen: 3.48 ng
RT: 6.893 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion: 77 Resp: 26067
Ion Ratio Lower Upper
77 100
105 86.5 71.4 111.4
106 81.6 66.5 106.5

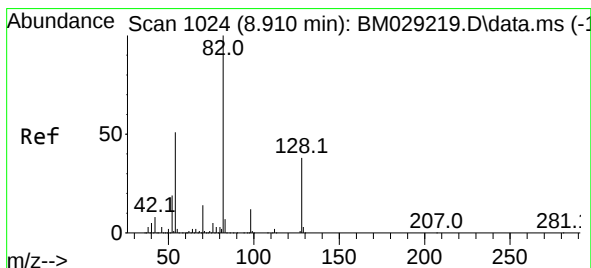
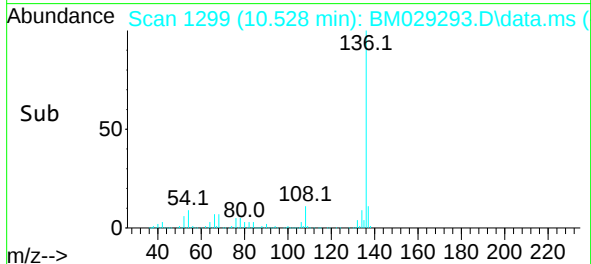
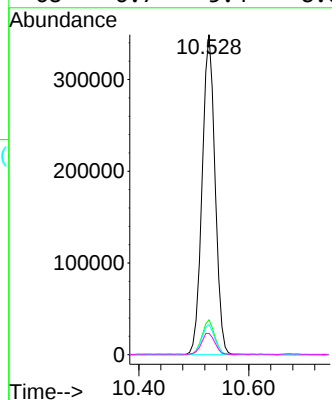
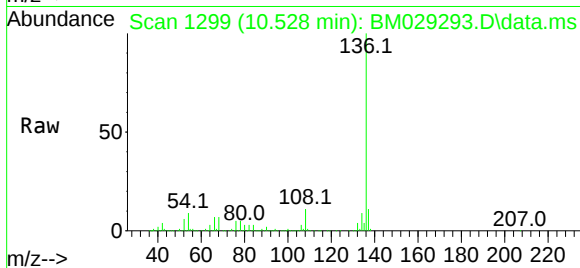




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.528 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

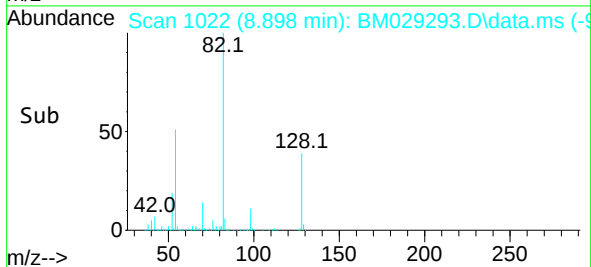
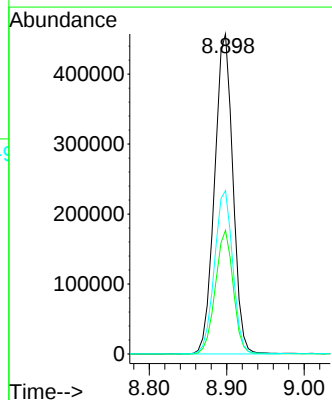
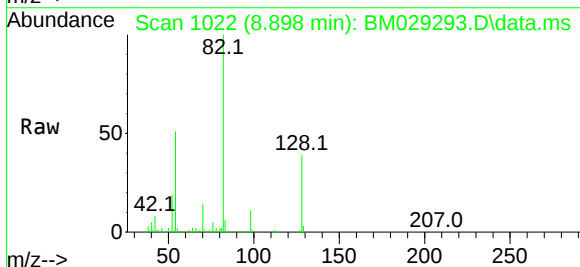
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

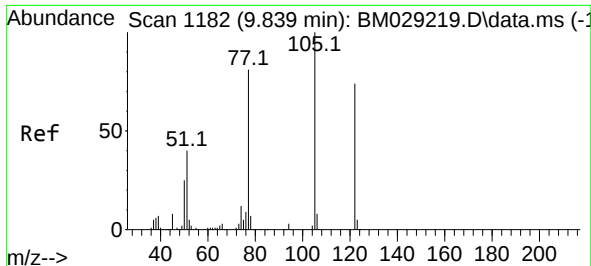
Tgt Ion:	136	Resp:	568924
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	9.4	6.9	10.3
68	6.7	5.4	8.0



#23
Nitrobenzene-d5
Concen: 64.12 ng
RT: 8.898 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:	82	Resp:	751311
Ion	Ratio	Lower	Upper
82	100		
128	38.6	28.6	42.8
54	51.0	40.7	61.1

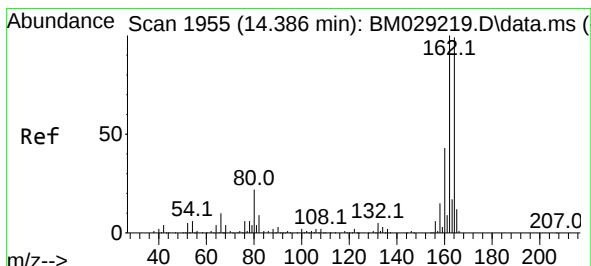
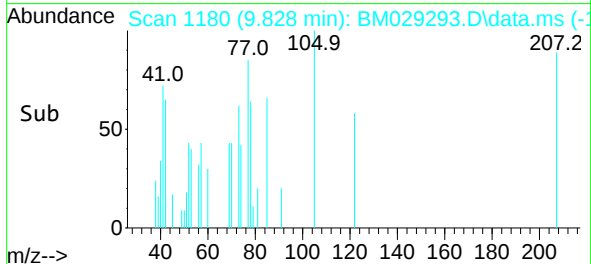
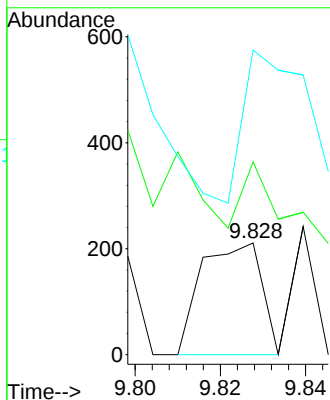
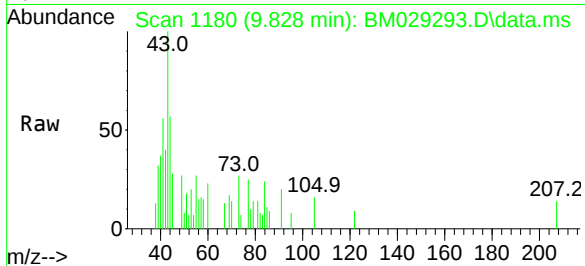




#32
Benzoic acid
Concen: 4.50 ng
RT: 9.828 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

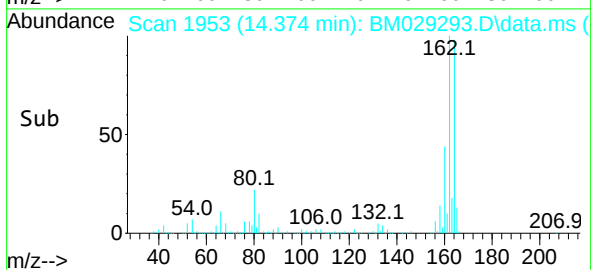
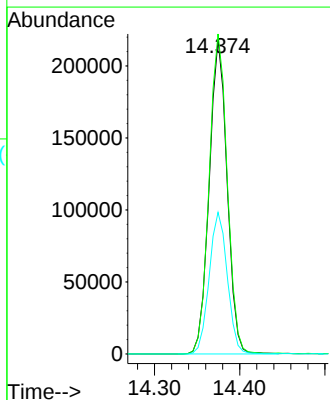
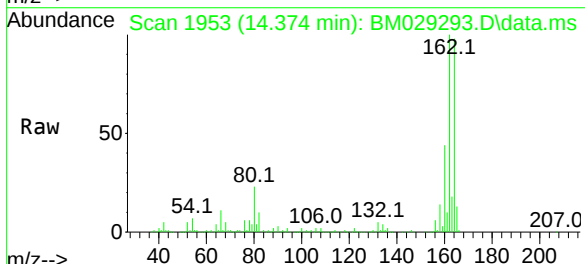
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

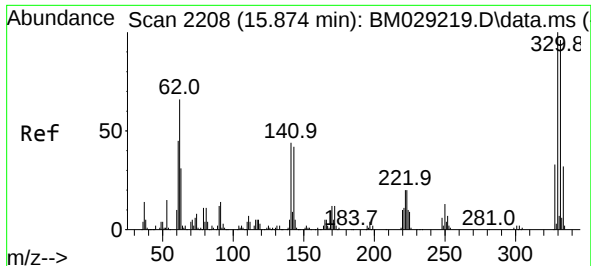
Tgt Ion:122 Resp: 207
Ion Ratio Lower Upper
122 100
105 172.5 108.2 148.2#
77 272.5 86.0 126.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.374 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

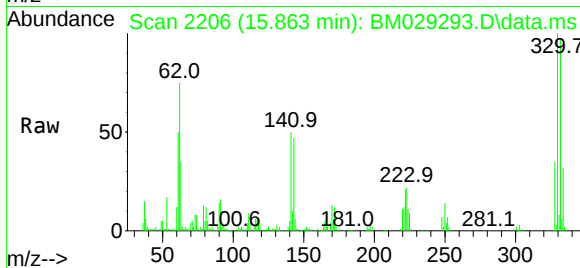
Tgt Ion:164 Resp: 318888
Ion Ratio Lower Upper
164 100
162 101.8 84.4 126.6
160 45.1 36.6 54.8



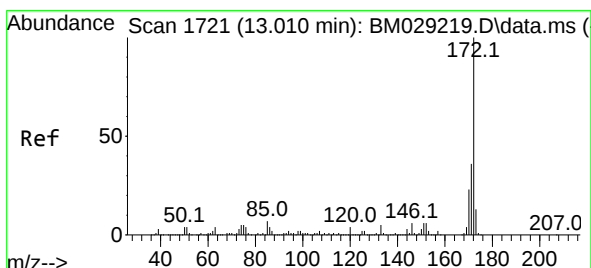
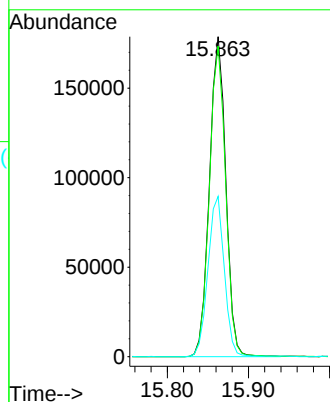
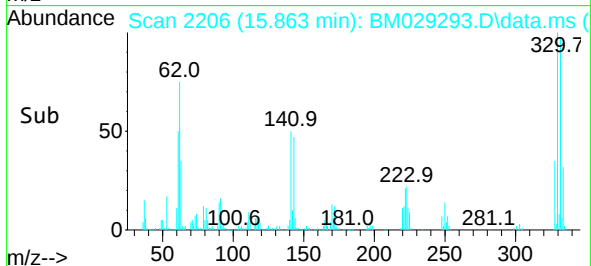


#42
2,4,6-Tribromophenol
Concen: 84.65 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

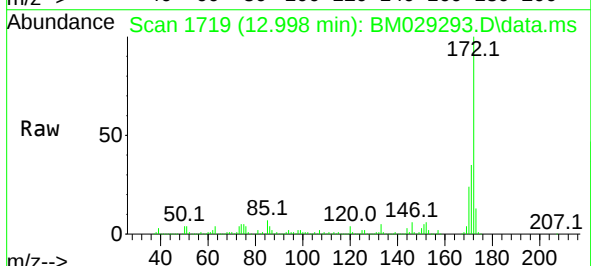
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)



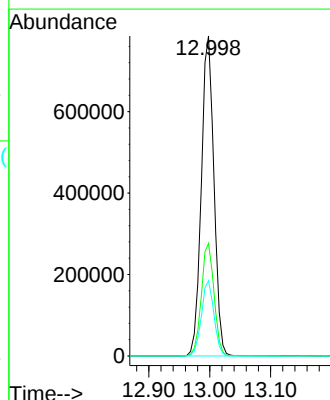
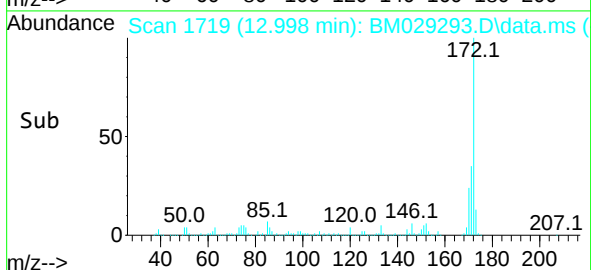
Tgt Ion:330 Resp: 249993
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 50.5 39.2 58.8

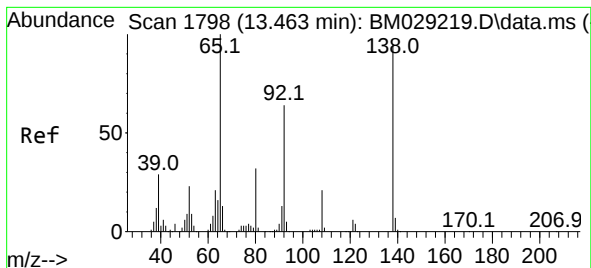


#45
2-Fluorobiphenyl
Concen: 50.40 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37



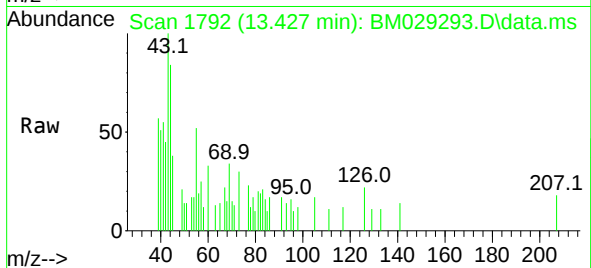
Tgt Ion:172 Resp: 1133116
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.5 18.8 28.2



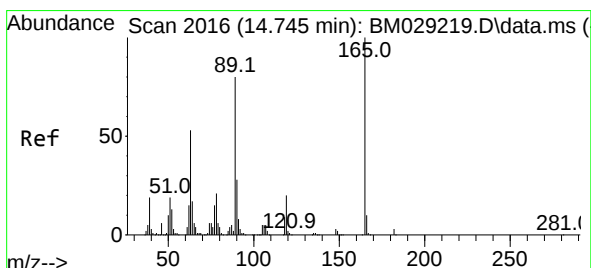
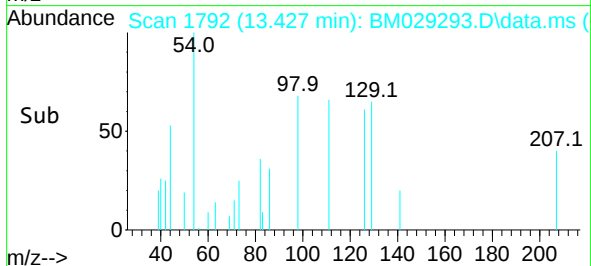
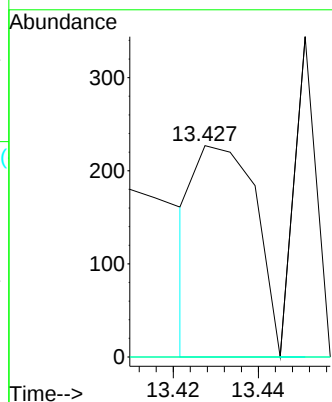


#48
2-Nitroaniline
Concen: 3.31 ng
RT: 13.427 min Scan# 1792
Delta R.T. -0.024 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Instrument :
BNA_M
ClientSampled :
BG-2-(0.0-0.5)

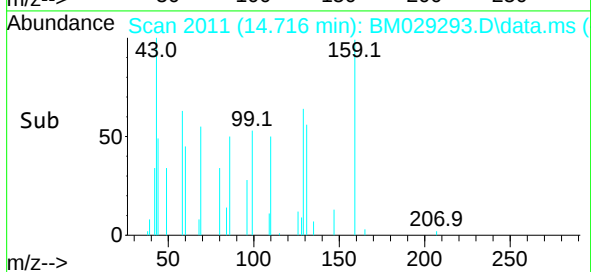
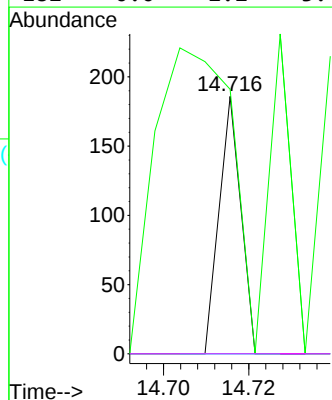
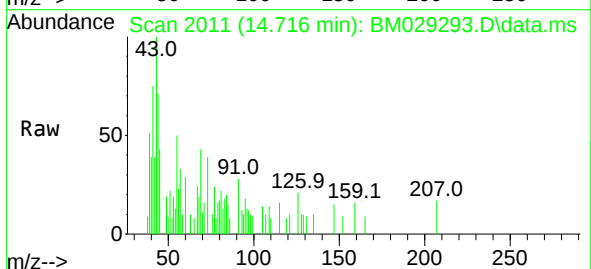


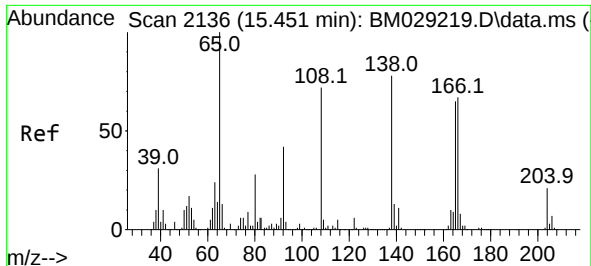
Tgt Ion: 65 Resp: 223
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 75.0 112.6#



#57
2,4-Dinitrotoluene
Concen: 3.18 ng
RT: 14.716 min Scan# 2011
Delta R.T. -0.024 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion: 165 Resp: 66
Ion Ratio Lower Upper
165 100
63 102.7 42.2 63.4#
89 0.0 65.6 98.4#
182 0.0 2.2 3.4#

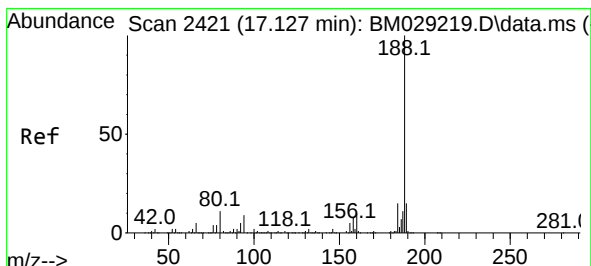
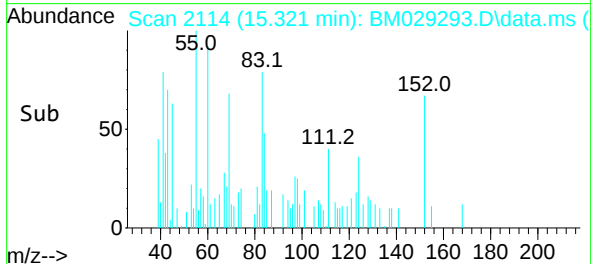
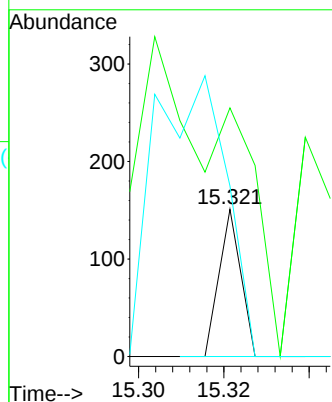
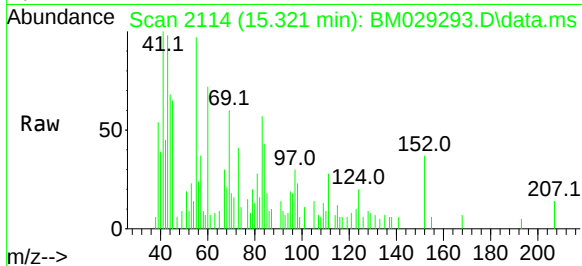




#62
4-Nitroaniline
Concen: 3.59 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.118 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

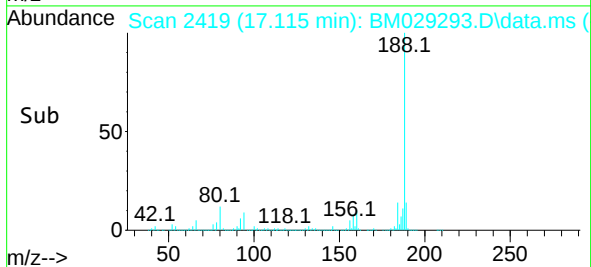
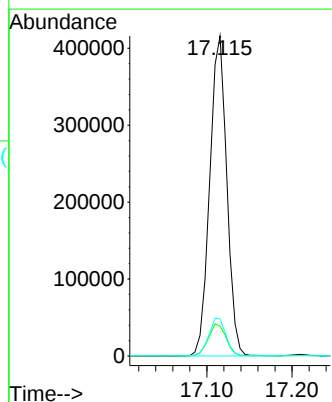
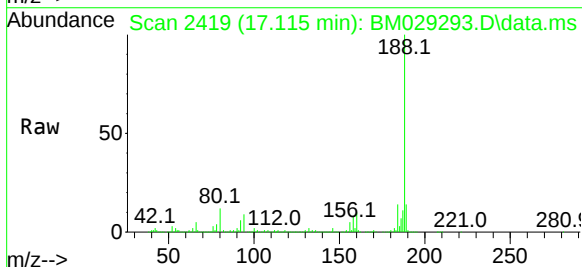
Instrument :
BNA_M
ClientSampled :
BG-2-(0.0-0.5)

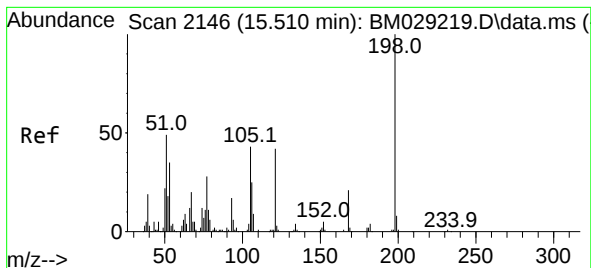
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 168.9 38.2 78.2#
108 115.9 71.7 111.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:188 Resp: 580064
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 11.6 9.2 13.8

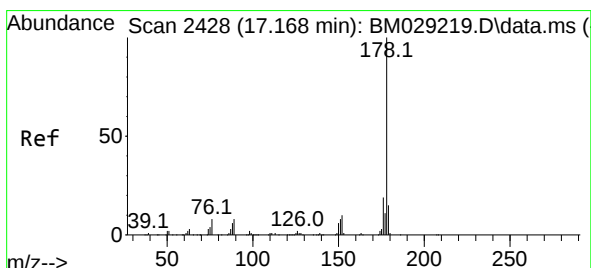
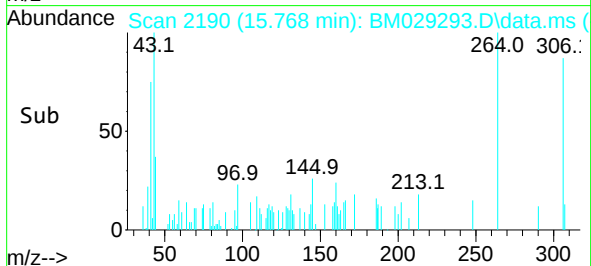
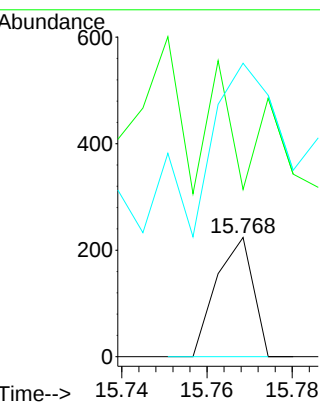
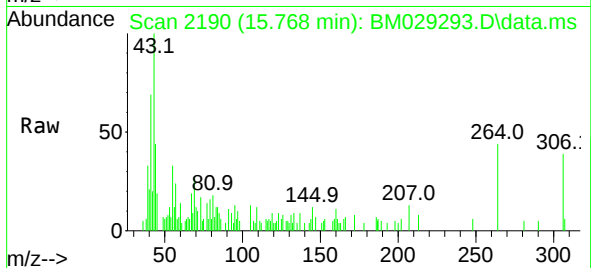




#65
4,6-Dinitro-2-methylphenol
Concen: 5.38 ng
RT: 15.768 min Scan# 2190
Delta R.T. 0.270 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

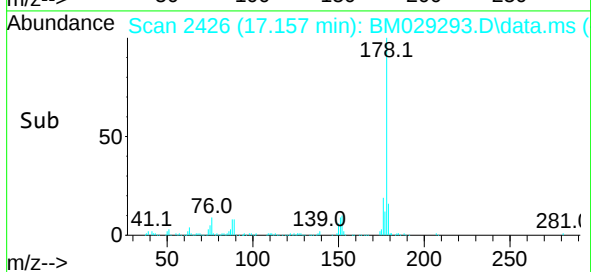
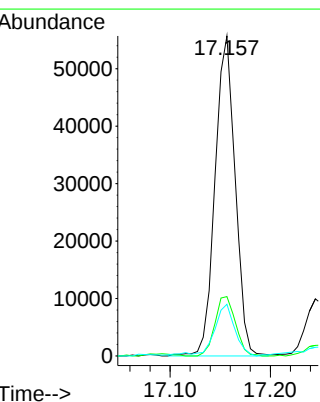
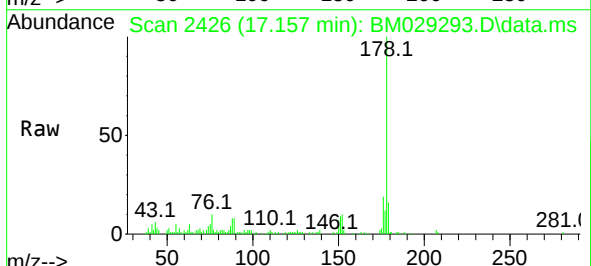
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

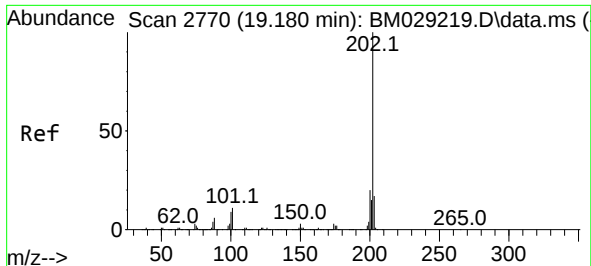
Tgt Ion:198 Resp: 134
Ion Ratio Lower Upper
198 100
51 140.2 35.1 75.1#
105 246.0 29.4 69.4#



#71
Phenanthrene
Concen: 2.31 ng
RT: 17.157 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:178 Resp: 77651
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 16.2 11.9 17.9

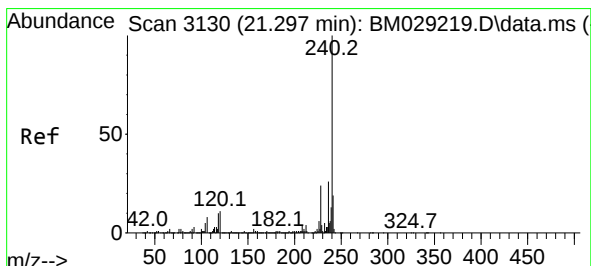
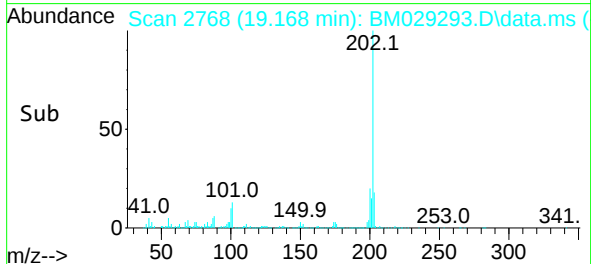
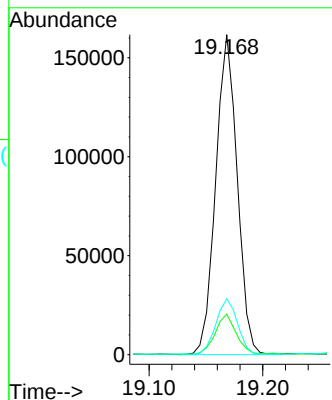
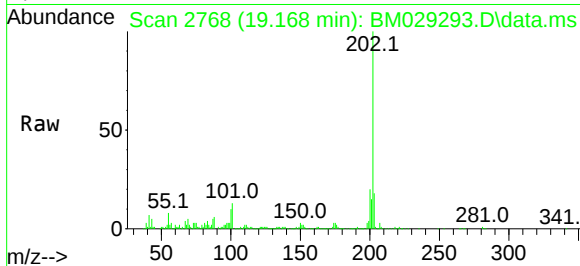




#75
Fluoranthene
Concen: 5.72 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

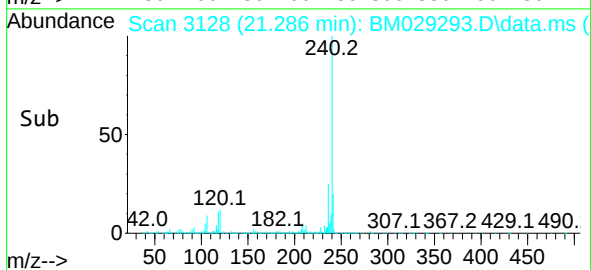
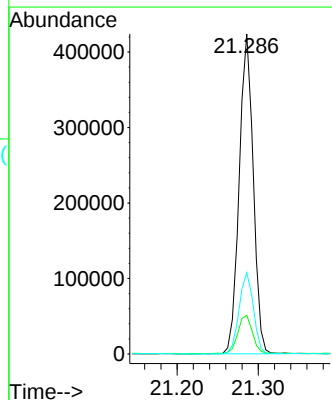
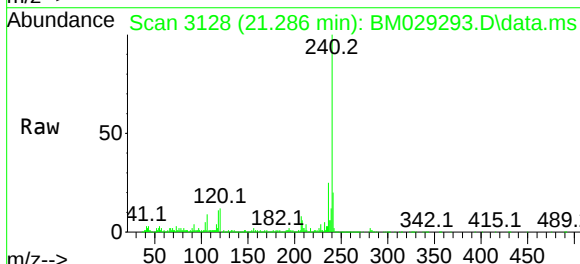
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

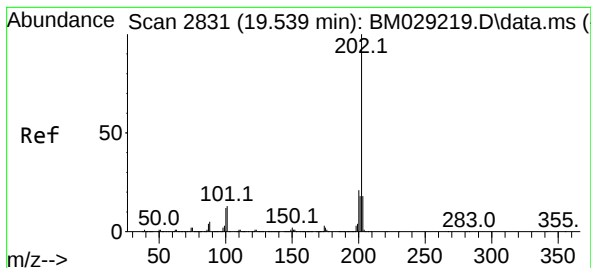
Tgt Ion:202 Resp: 212726
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.5
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:240 Resp: 508118
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 25.4 20.3 30.5





#78

Pyrene

Concen: 5.12 ng

RT: 19.527 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BM029293.D

Acq: 31 Mar 2021 14:37

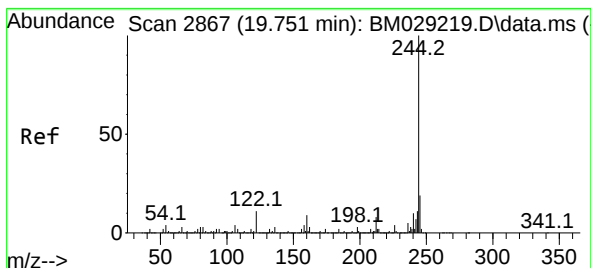
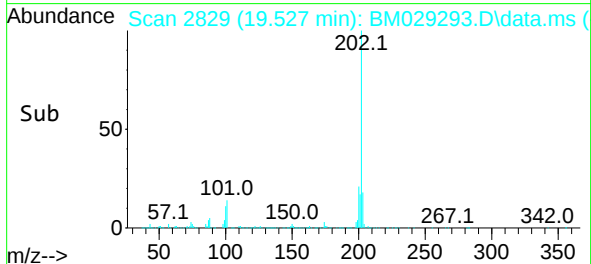
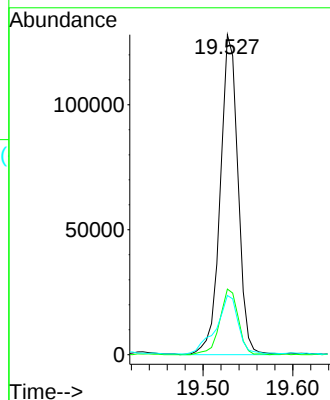
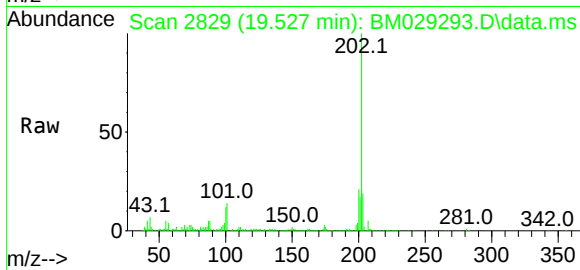
Tgt Ion:202 Resp: 176226

Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.6

203 18.5 14.1 21.1



#79

Terphenyl-d14

Concen: 36.96 ng

RT: 19.739 min Scan# 2865

Delta R.T. -0.000 min

Lab File: BM029293.D

Acq: 31 Mar 2021 14:37

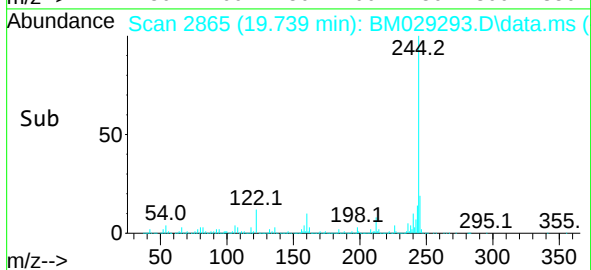
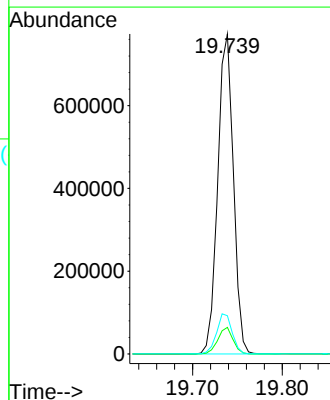
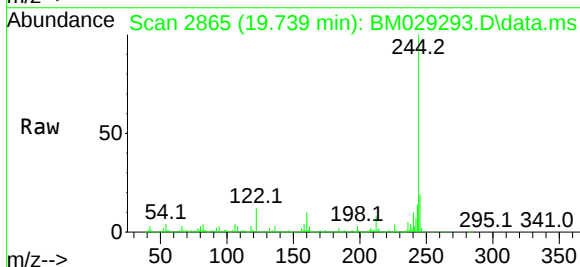
Tgt Ion:244 Resp: 934806

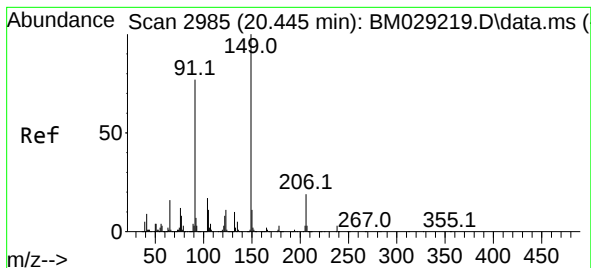
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.9 9.2 13.8

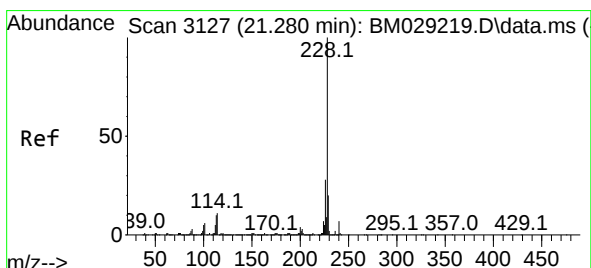
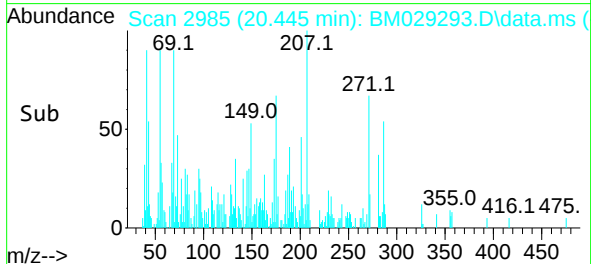
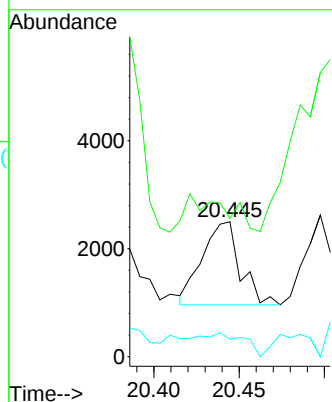
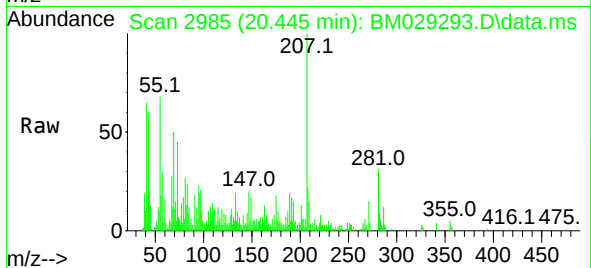




#80
Butylbenzylphthalate
Concen: 3.75 ng
RT: 20.445 min Scan# 2985
Delta R.T. 0.012 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

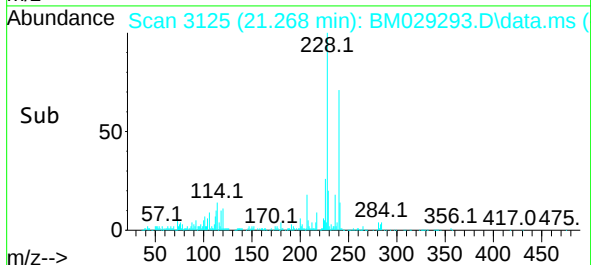
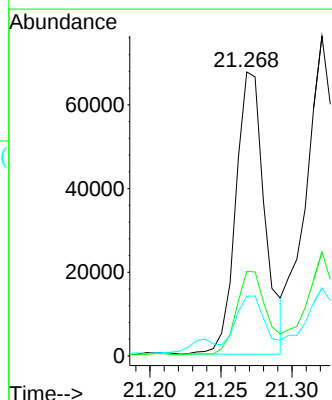
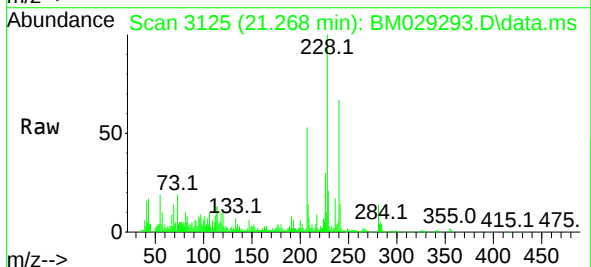
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

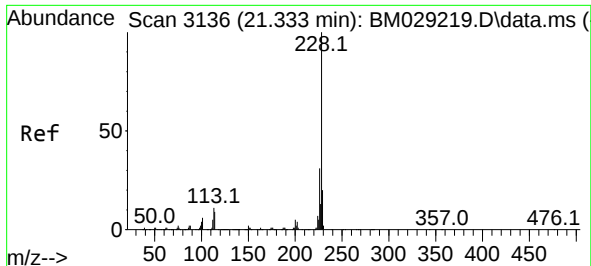
Tgt Ion:149 Resp: 2381
Ion Ratio Lower Upper
149 100
91 102.6 60.5 90.7#
206 12.9 15.7 23.5#



#81
Benzo(a)anthracene
Concen: 2.89 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:228 Resp: 95713
Ion Ratio Lower Upper
228 100
226 29.7 21.9 32.9
229 21.0 15.7 23.5

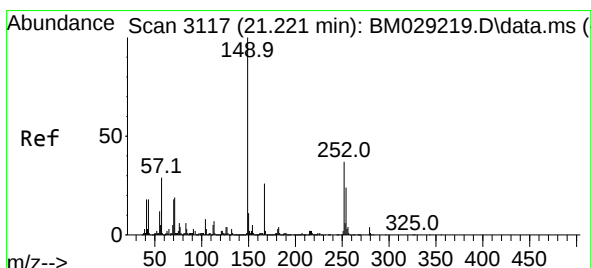
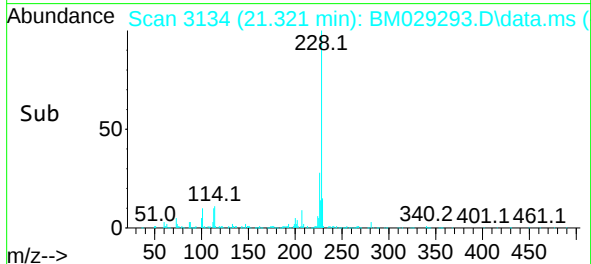
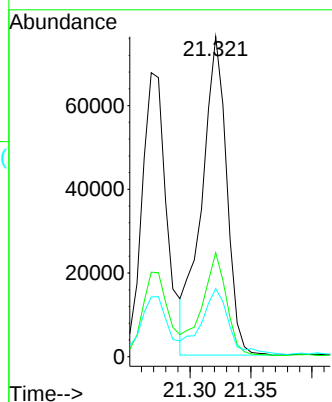
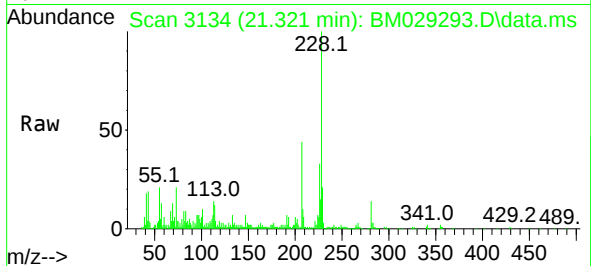




#83
Chrysene
Concen: 3.29 ng
RT: 21.321 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

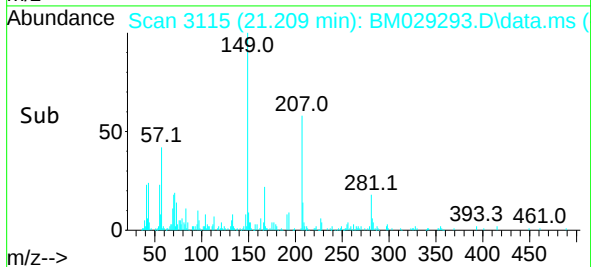
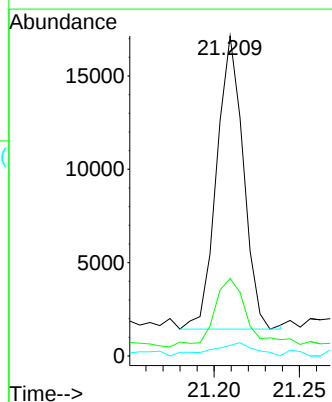
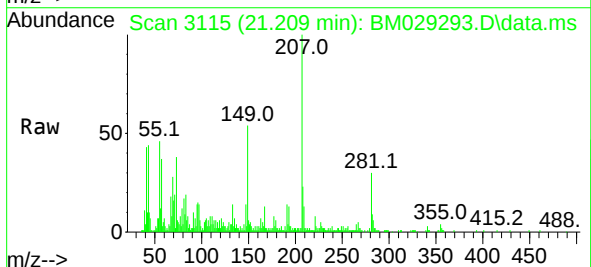
Instrument :
BNA_M
ClientSampled :
BG-2-(0.0-0.5)

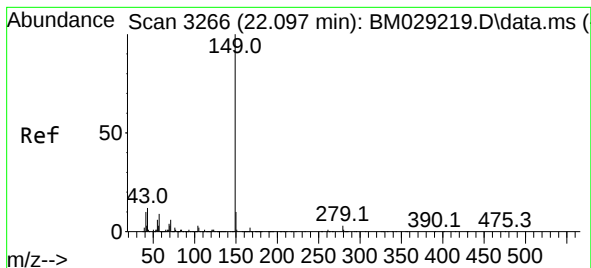
Tgt Ion:228 Resp: 109110
Ion Ratio Lower Upper
228 100
226 32.5 24.7 37.1
229 21.2 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.40 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:149 Resp: 17104
Ion Ratio Lower Upper
149 100
167 24.2 20.6 31.0
279 3.3 3.3 4.9

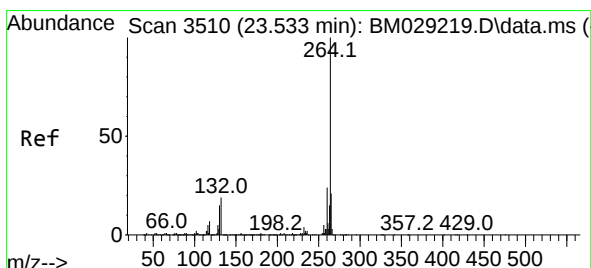
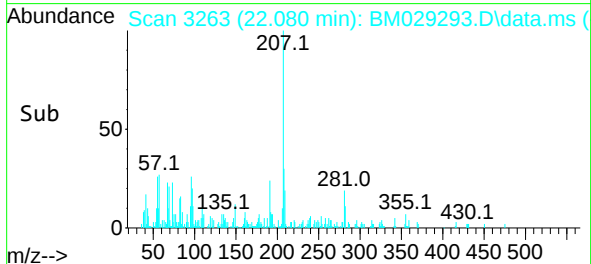
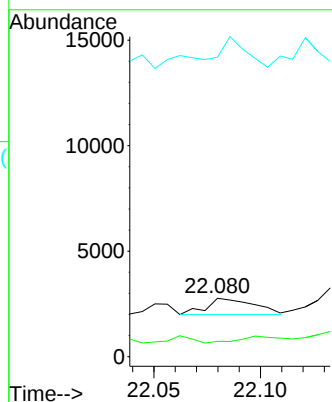
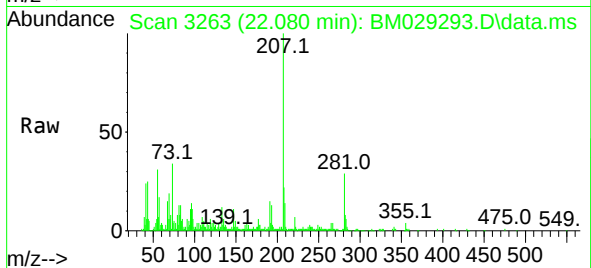




#85
Di-n-octyl phthalate
Concen: 4.10 ng
RT: 22.080 min Scan# 3263
Delta R.T. -0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

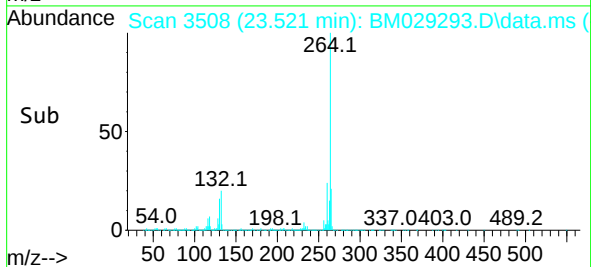
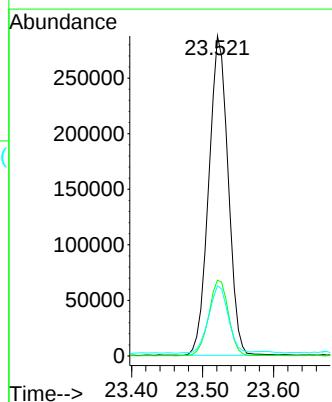
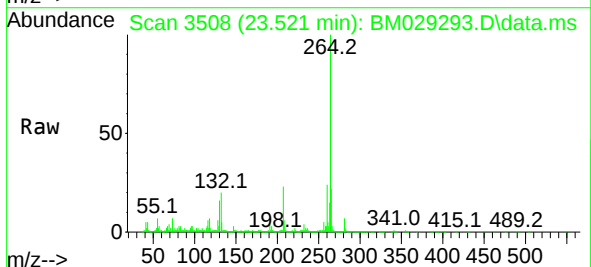
Instrument :
BNA_M
ClientSampled :
BG-2-(0.0-0.5)

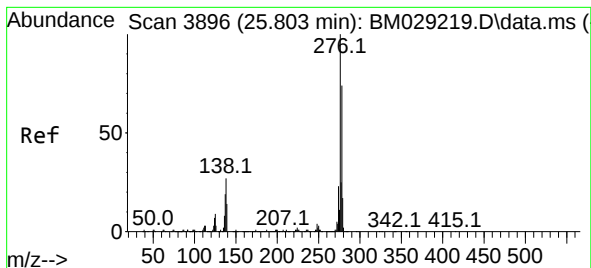
Tgt Ion:149 Resp: 1213
Ion Ratio Lower Upper
149 100
167 32.7 1.3 1.9#
43 0.0 9.8 14.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:264 Resp: 544637
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.9 17.8 26.8

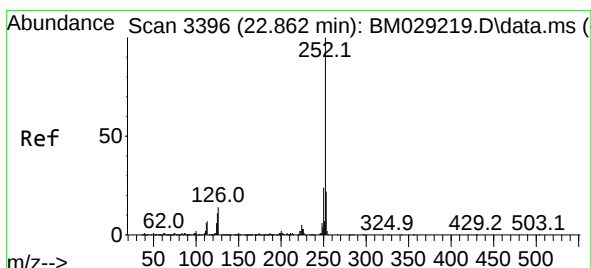
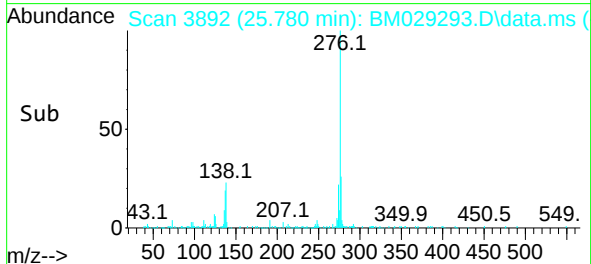
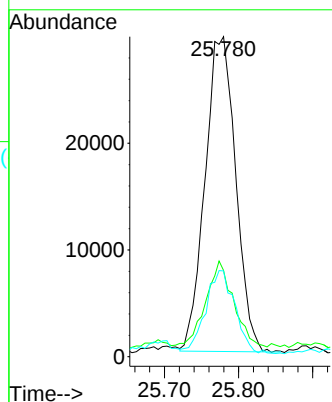
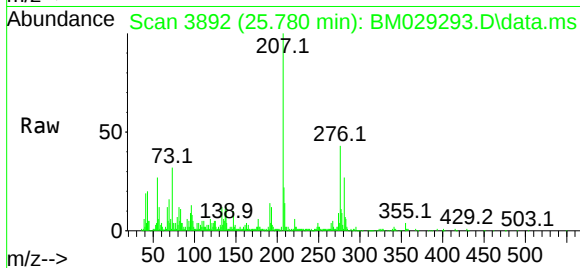




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 25.780 min Scan# 3892
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

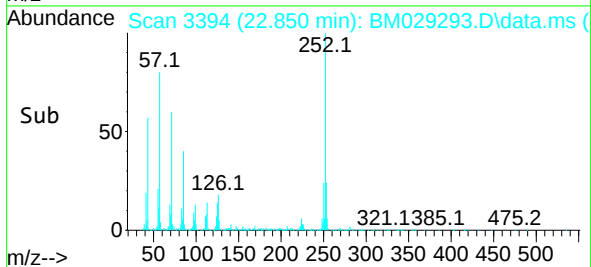
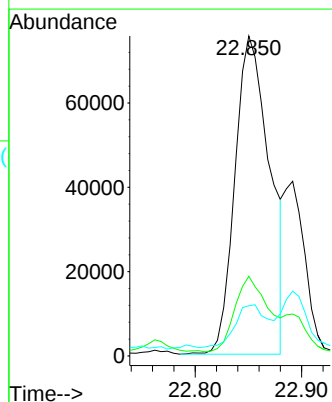
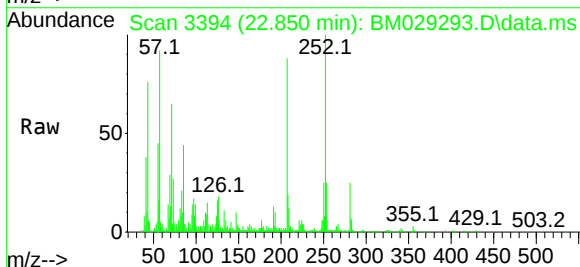
Instrument :
BNA_M
ClientSampleId :
BG-2-(0.0-0.5)

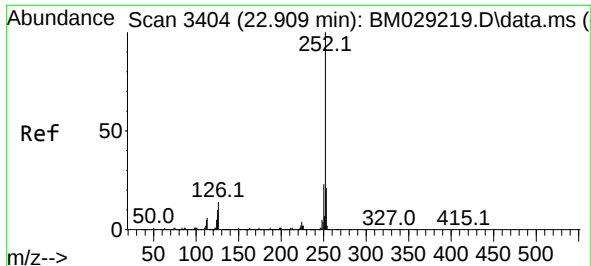
Tgt Ion:276 Resp: 84803
Ion Ratio Lower Upper
276 100
138 25.1 22.6 34.0
277 24.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 4.84 ng
RT: 22.850 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:252 Resp: 171394
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 15.7 9.0 13.4#

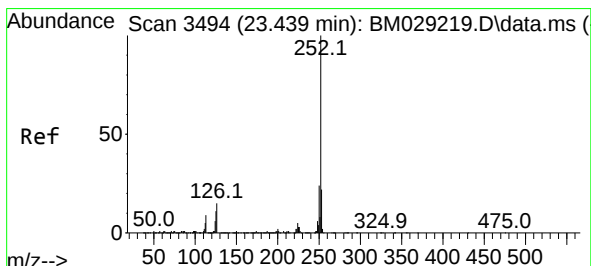
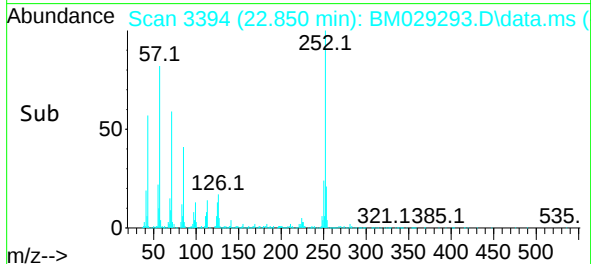
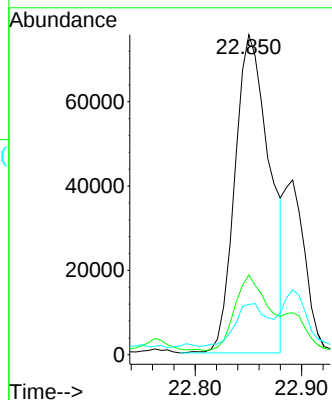
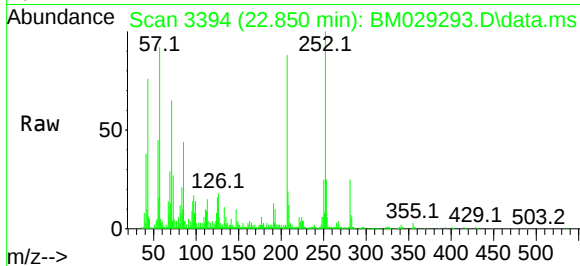




#89
Benzo(k)fluoranthene
Concen: 4.98 ng
RT: 22.850 min Scan# 3394
Delta R.T. -0.041 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

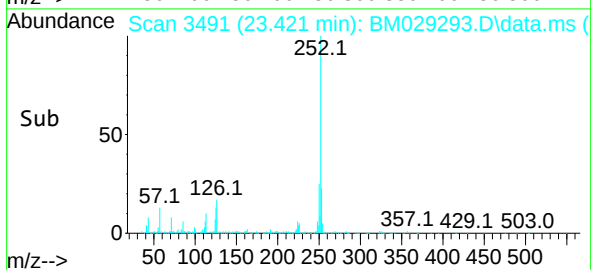
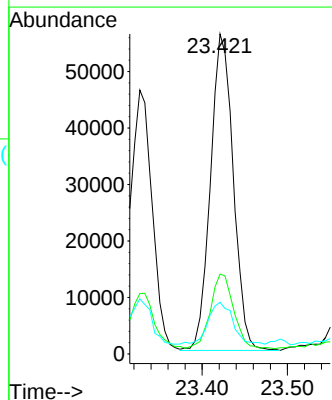
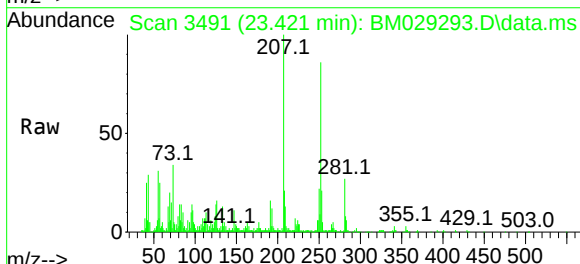
Instrument :
BNA_M
ClientSampled :
BG-2-(0.0-0.5)

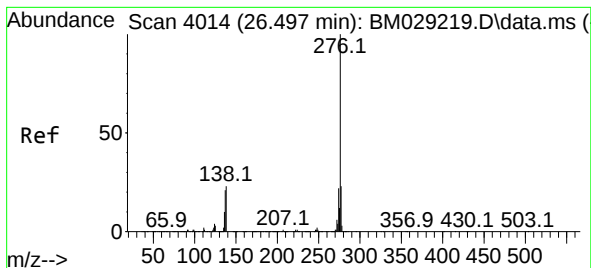
Tgt Ion:252 Resp: 171394
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 15.7 8.7 13.1#



#90
Benzo(a)pyrene
Concen: 3.25 ng
RT: 23.421 min Scan# 3491
Delta R.T. -0.000 min
Lab File: BM029293.D
Acq: 31 Mar 2021 14:37

Tgt Ion:252 Resp: 104364
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.4
125 16.1 9.5 14.3#





#92

Benzo(g,h,i)perylene

Concen: 2.56 ng

RT: 26.468 min Scan# 4009

Delta R.T. -0.006 min

Lab File: BM029293.D

Acq: 31 Mar 2021 14:37

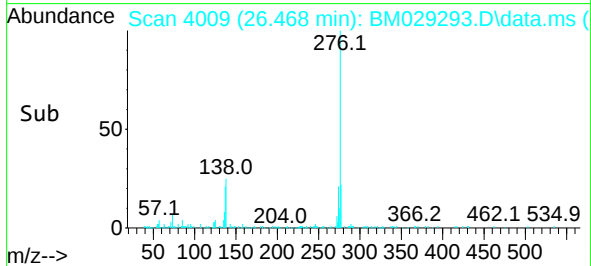
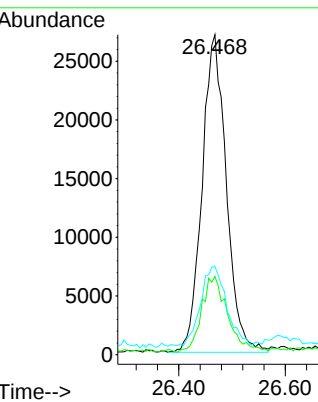
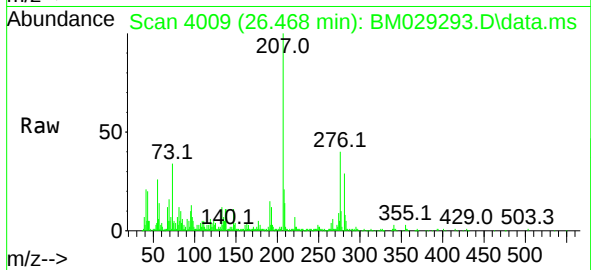
Tgt Ion: 276 Resp: 85532

Ion Ratio Lower Upper

276 100

277 24.5 18.7 28.1

138 27.6 19.0 28.4



Instrument :

BNA_M

ClientSampleId :

BG-2-(0.0-0.5)