

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029265.D
 Acq On : 30 Mar 2021 03:48
 Operator : CG/JU
 Sample : M1821-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EL-511-STREET-LEVEL

Quant Time: Mar 30 05:20:56 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)

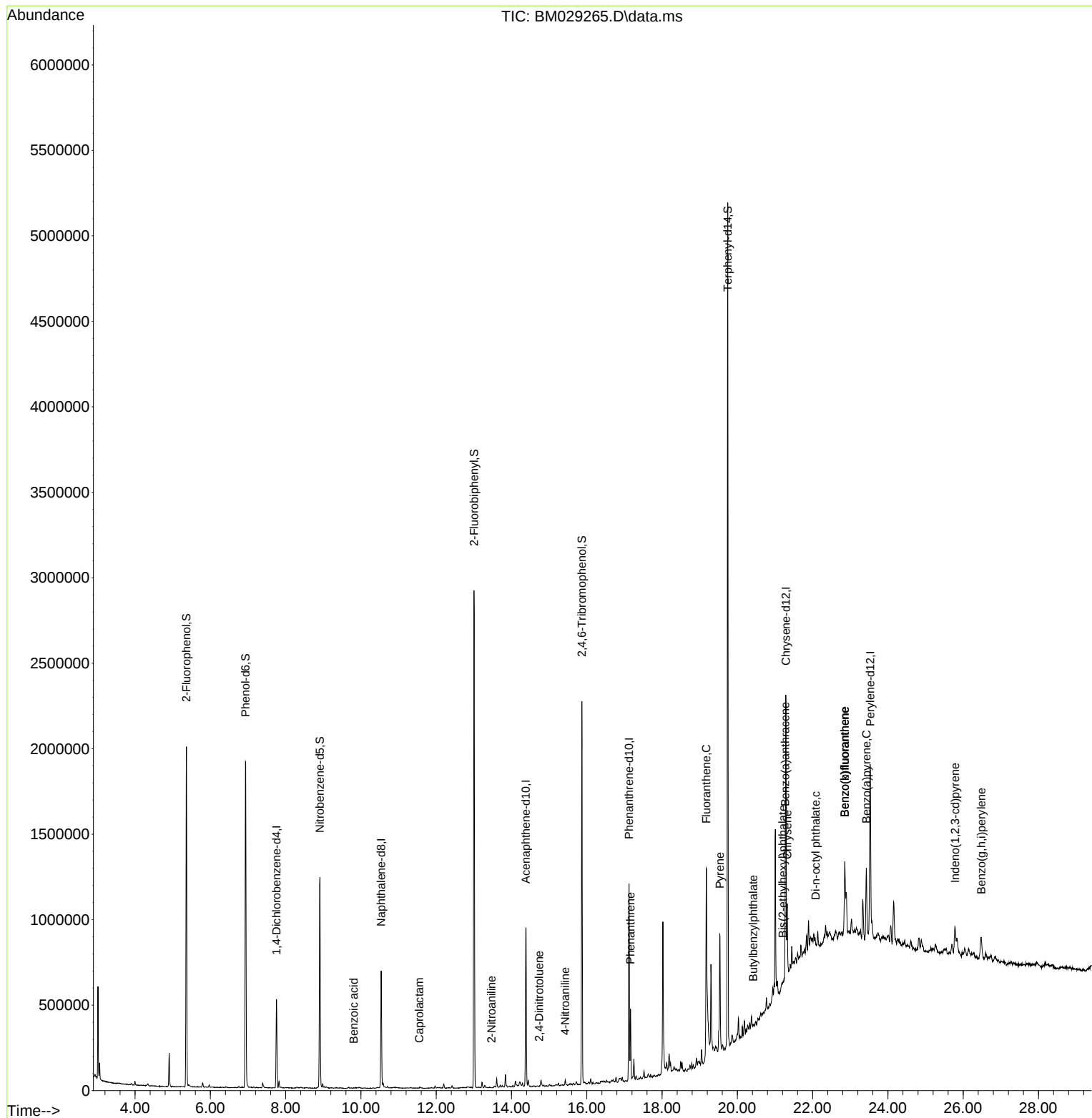
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	126500	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	515716	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	301831	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	620704	20.00	ng	0.00
76) Chrysene-d12	21.291	240	628793	20.00	ng	0.00
86) Perylene-d12	23.533	264	639029	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	744297	101.42	ng	0.01
7) Phenol-d6	6.934	99	993397	94.33	ng	0.01
23) Nitrobenzene-d5	8.910	82	710065	66.85	ng	0.00
42) 2,4,6-Tribromophenol	15.868	330	311248	111.35	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1418774	66.67	ng	0.00
79) Terphenyl-d14	19.745	244	1986152	63.46	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.810	122	64	4.48	ng	# 40
35) Caprolactam	11.551	113	170	4.93	ng	# 1
48) 2-Nitroaniline	13.468	65	331	3.33	ng	# 9
57) 2,4-Dinitrotoluene	14.739	165	72	3.18	ng	# 17
62) 4-Nitroaniline	15.427	138	140	3.61	ng	# 28
71) Phenanthrene	17.162	178	230708	6.41	ng	100
75) Fluoranthene	19.174	202	397649	10.00	ng	99
78) Pyrene	19.533	202	401369	9.43	ng	99
80) Butylbenzylphthalate	20.421	149	217	3.59	ng	# 8
81) Benzo(a)anthracene	21.274	228	236728	5.77	ng	98
83) Chrysene	21.327	228	204352	4.98	ng	97
84) Bis(2-ethylhexyl)phtha...	21.209	149	5283	3.77	ng	# 98
85) Di-n-octyl phthalate	22.080	149	438	4.07	ng	# 1
87) Indeno(1,2,3-cd)pyrene	25.785	276	144199	3.09	ng	95
88) Benzo(b)fluoranthene	22.856	252	369203	8.88	ng	# 93
89) Benzo(k)fluoranthene	22.856	252	369203	9.14	ng	# 93
90) Benzo(a)pyrene	23.427	252	216515	5.75	ng	# 91
92) Benzo(g,h,i)perylene	26.479	276	139832	3.57	ng	93

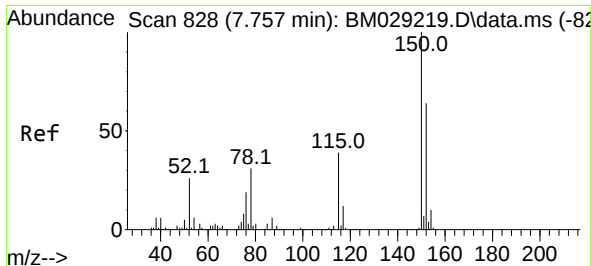
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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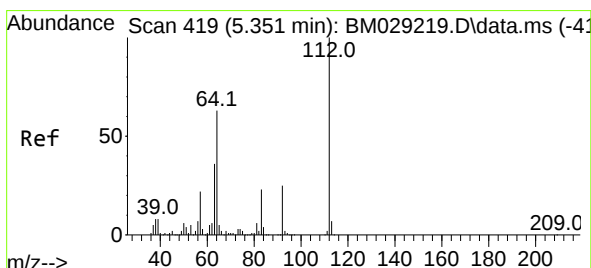
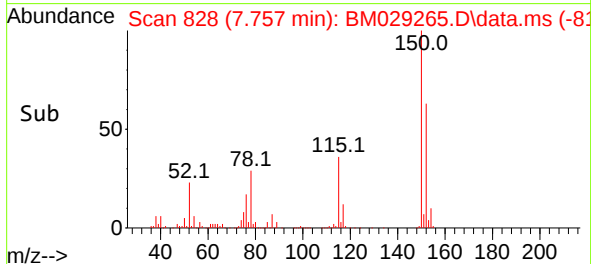
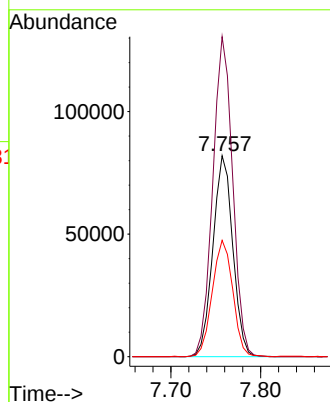
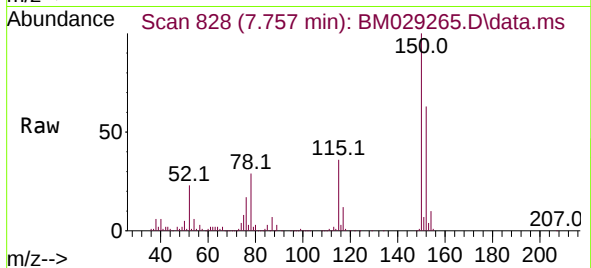




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.005 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

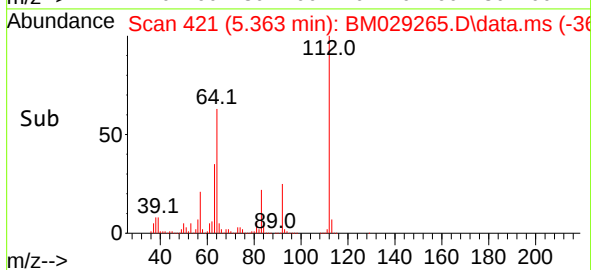
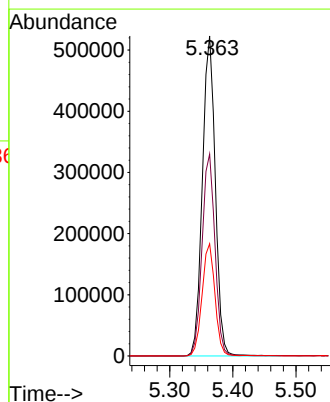
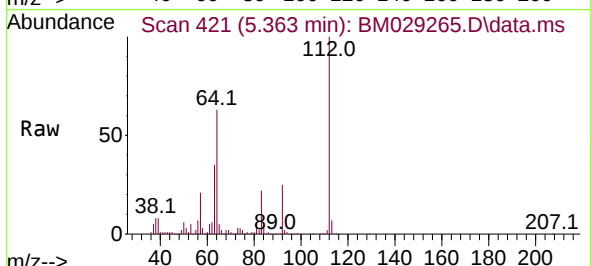
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ClientSampleId :
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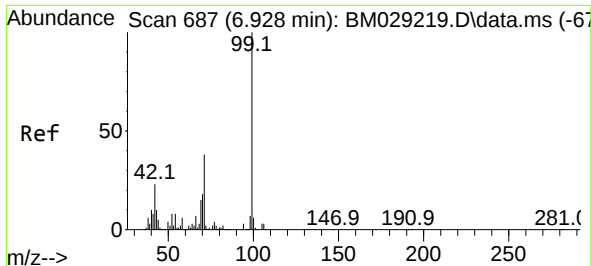
Tgt Ion:152 Resp: 126500
Ion Ratio Lower Upper
152 100
150 159.2 124.3 186.5
115 57.9 46.4 69.6



#5
2-Fluorophenol
Concen: 101.42 ng
RT: 5.363 min Scan# 421
Delta R.T. 0.011 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:112 Resp: 744297
Ion Ratio Lower Upper
112 100
64 63.1 51.6 77.4
63 35.0 29.0 43.4

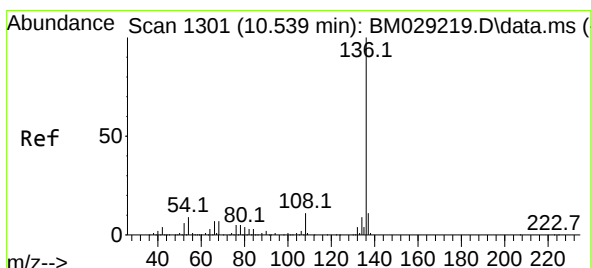
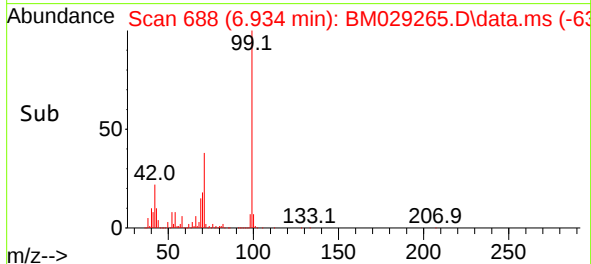
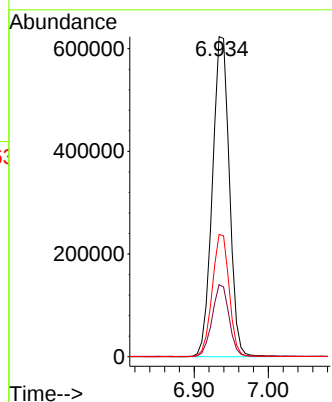
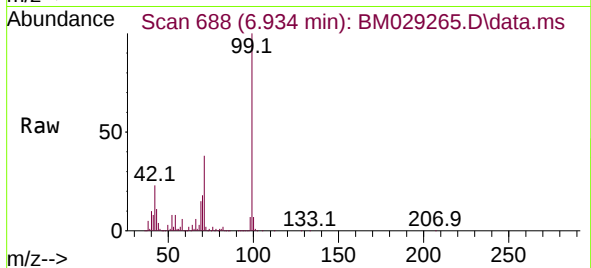




#7
Phenol-d6
Concen: 94.33 ng
RT: 6.934 min Scan# 688
Delta R.T. 0.011 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

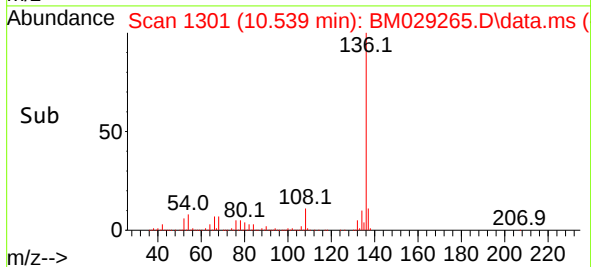
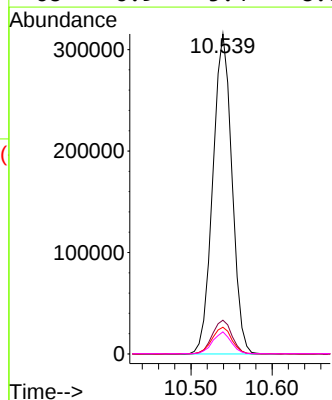
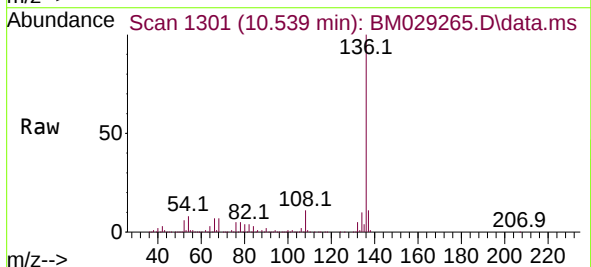
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ClientSampleId :
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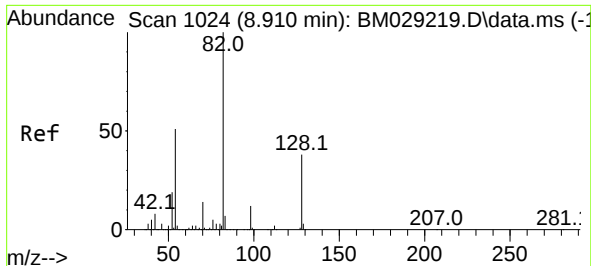
Tgt Ion:	99	Resp:	993397
Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.5	27.7
71	38.2	31.8	47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.539 min Scan# 1301
Delta R.T. 0.005 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:	136	Resp:	515716
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	8.4	6.9	10.3
68	6.9	5.4	8.0

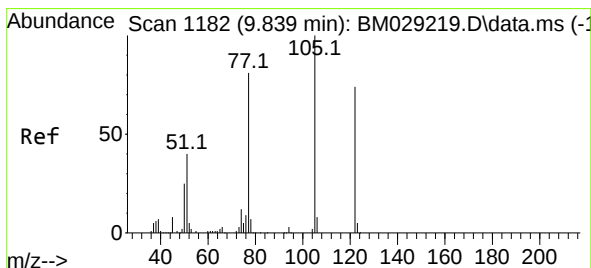
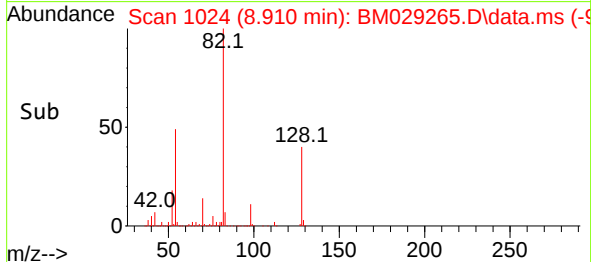
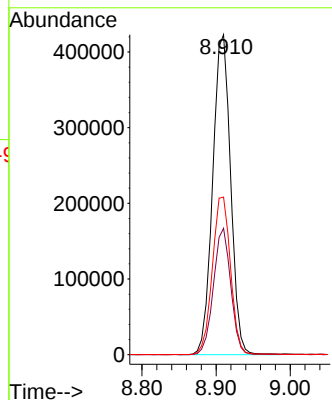
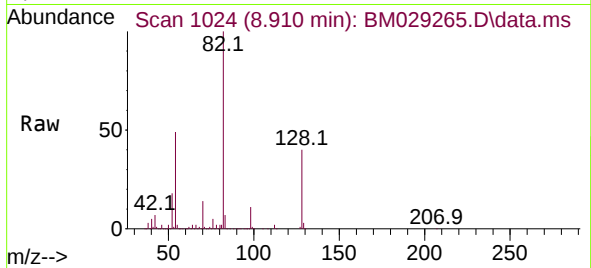




#23
Nitrobenzene-d5
Concen: 66.85 ng
RT: 8.910 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

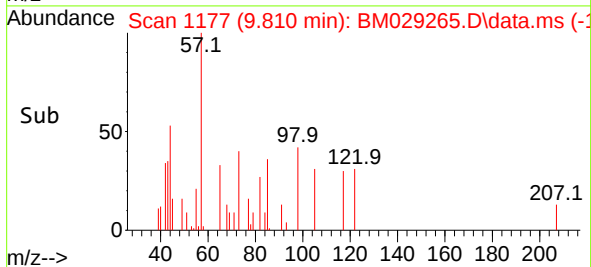
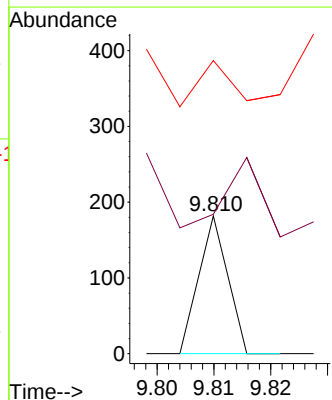
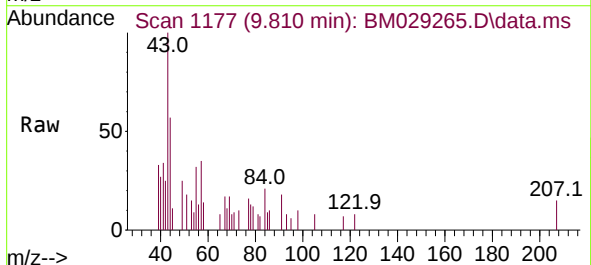
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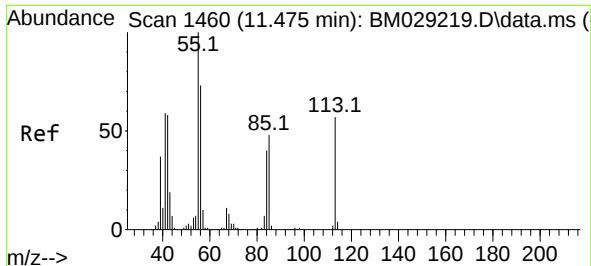
Tgt Ion: 82 Resp: 710065
Ion Ratio Lower Upper
82 100
128 39.5 28.6 42.8
54 49.3 40.7 61.1



#32
Benzoic acid
Concen: 4.48 ng
RT: 9.810 min Scan# 1177
Delta R.T. -0.018 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 101.1 108.2 148.2#
77 212.6 86.0 126.0#

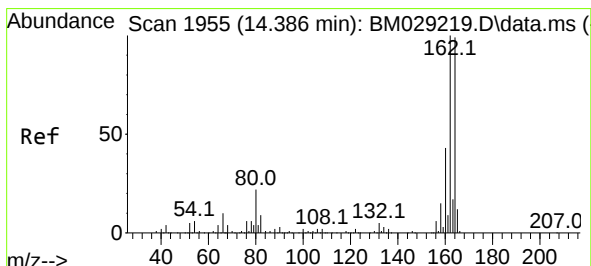
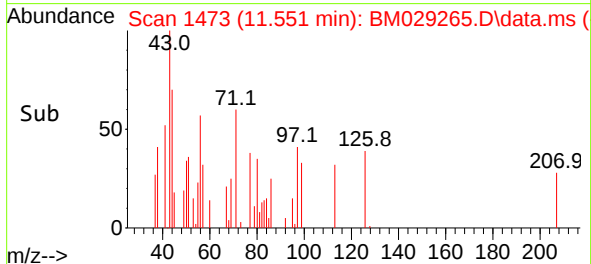
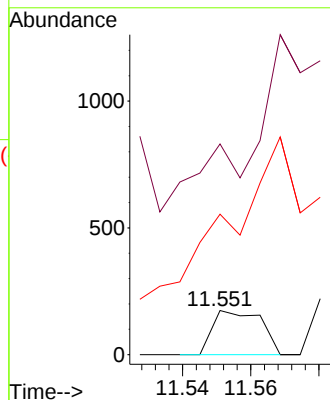
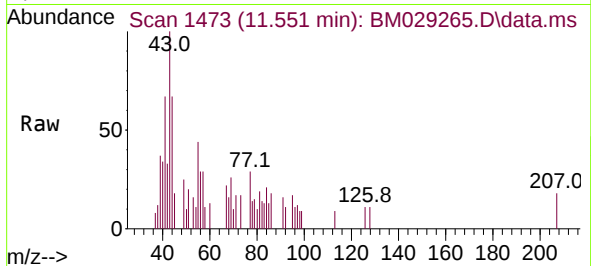




#35
Caprolactam
Concen: 4.93 ng
RT: 11.551 min Scan# 1473
Delta R.T. 0.088 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

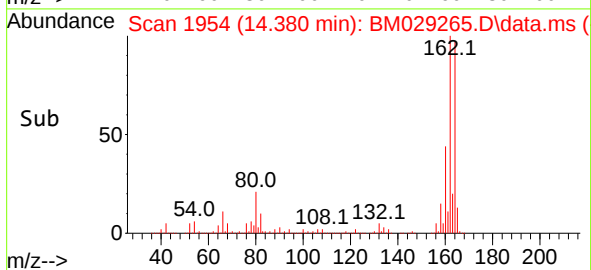
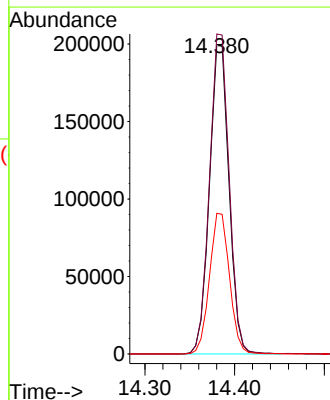
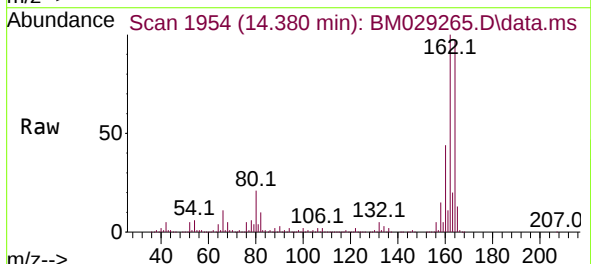
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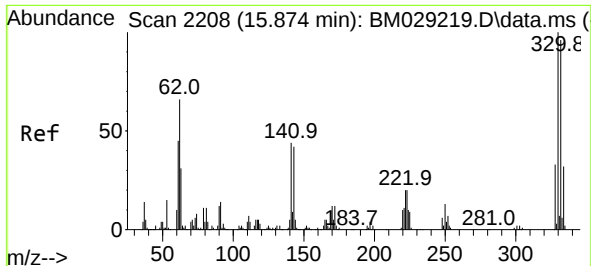
Tgt Ion:113 Resp: 170
Ion Ratio Lower Upper
113 100
55 477.6 149.4 189.4#
56 318.4 110.8 150.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:164 Resp: 301831
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 45.5 36.6 54.8

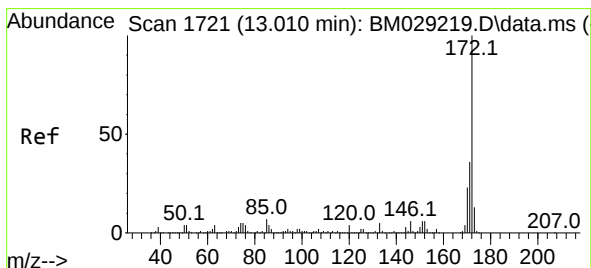
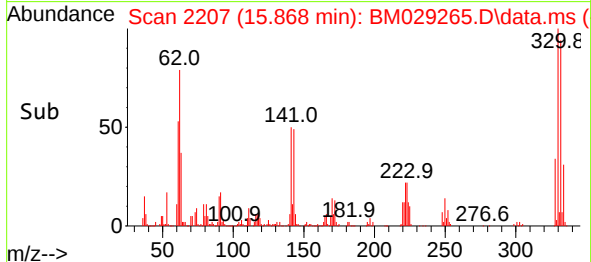
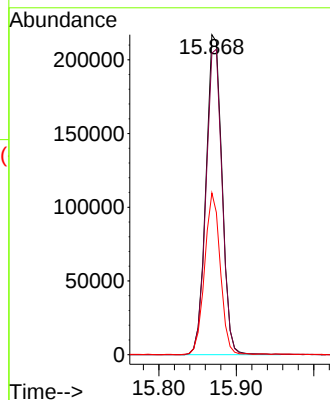
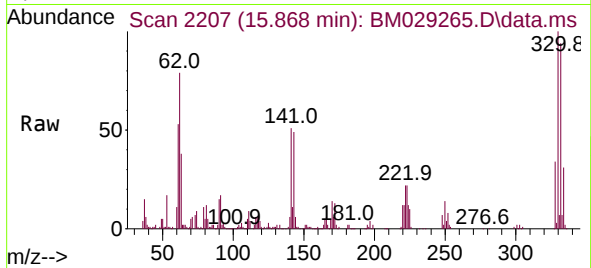




#42
2,4,6-Tribromophenol
Concen: 111.35 ng
RT: 15.868 min Scan# 2207
Delta R.T. 0.005 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

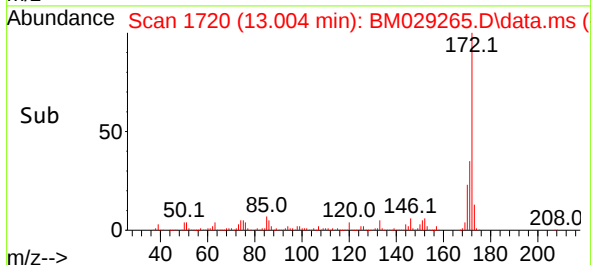
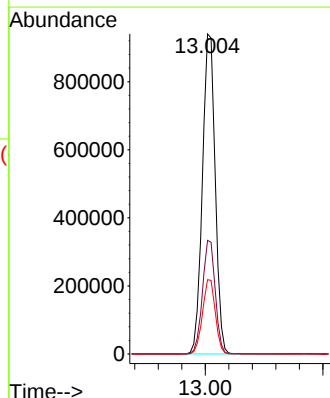
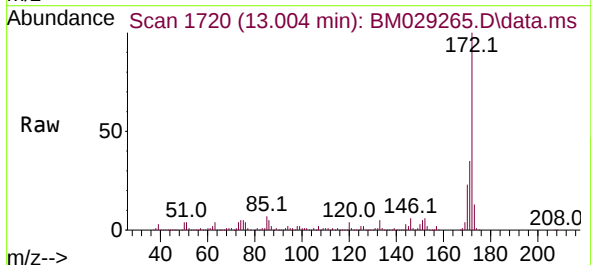
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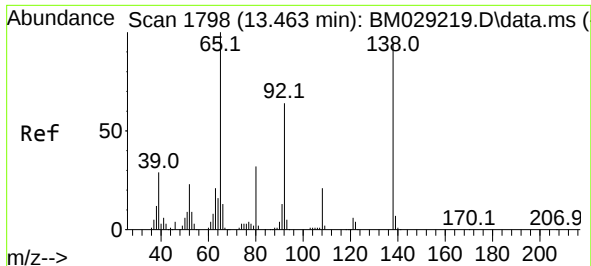
Tgt Ion:330 Resp: 311248
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 49.4 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 66.67 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

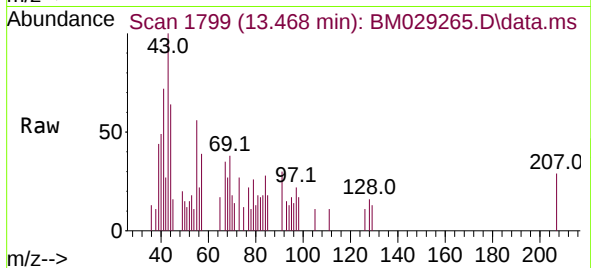
Tgt Ion:172 Resp: 1418774
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.2 18.8 28.2



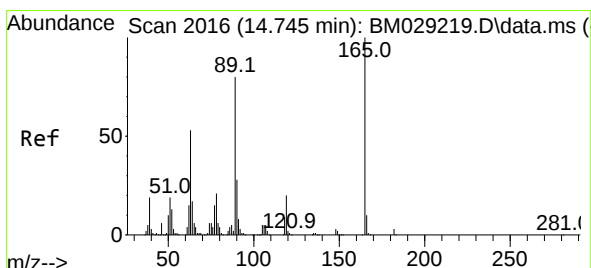
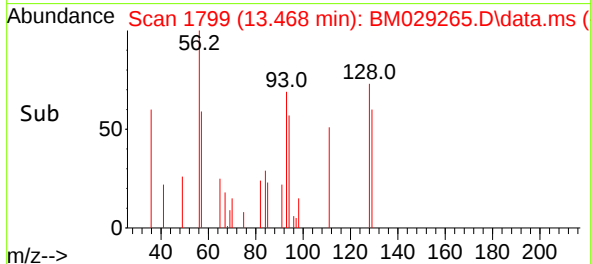
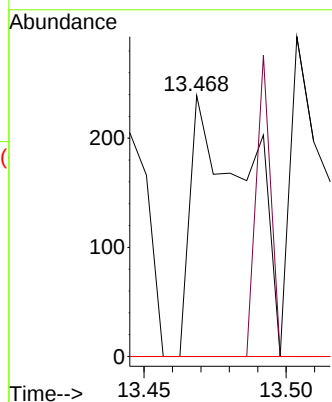


#48
2-Nitroaniline
Concen: 3.33 ng
RT: 13.468 min Scan# 1799
Delta R.T. 0.017 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Instrument :
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ClientSampleId :
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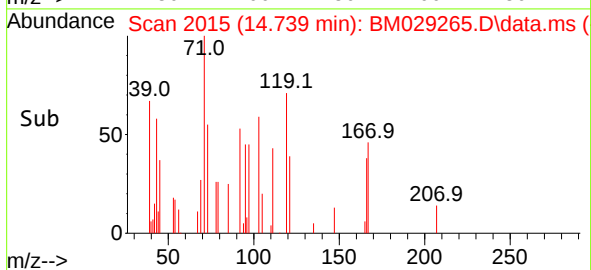
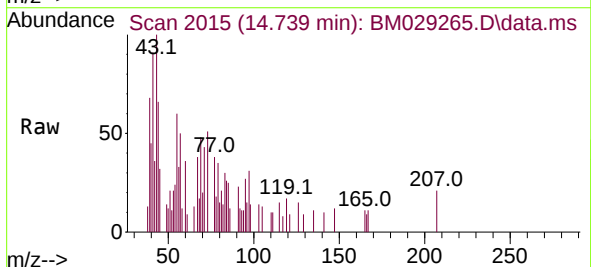
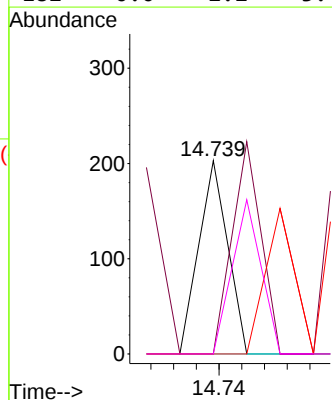


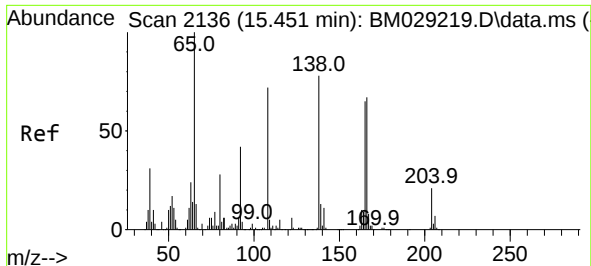
Tgt Ion: 65 Resp: 331
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 75.0 112.6#



#57
2,4-Dinitrotoluene
Concen: 3.18 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion: 165 Resp: 72
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 65.6 98.4#
182 0.0 2.2 3.4#

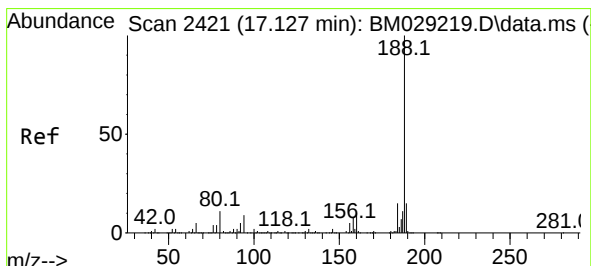
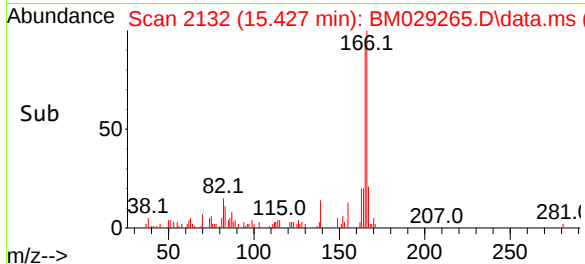
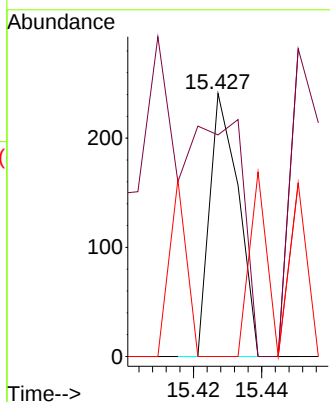
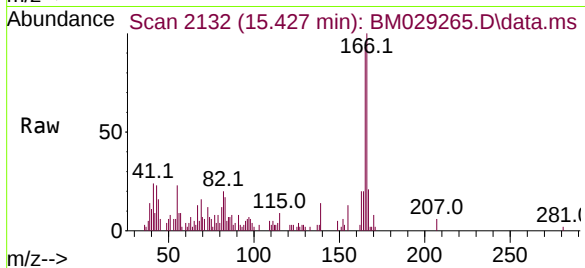




#62
4-Nitroaniline
Concen: 3.61 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

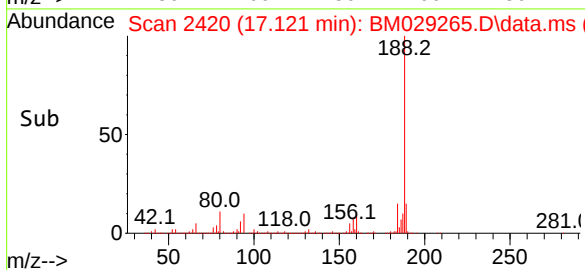
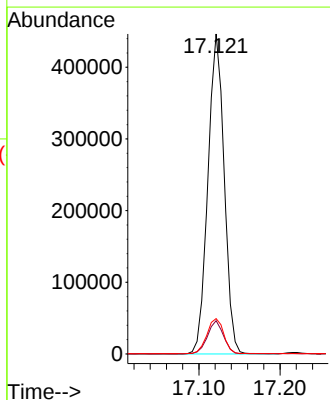
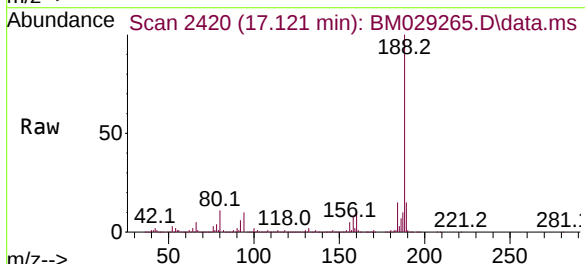
Instrument :
BNA_M
ClientSampleId :
EL-511-STREET-LEVEL

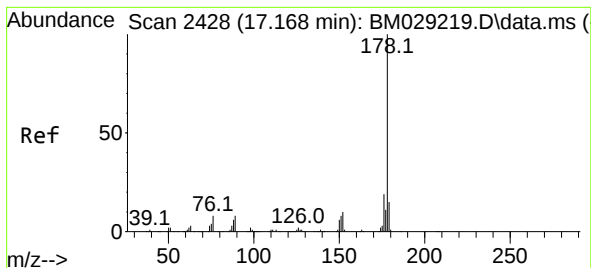
Tgt Ion:138 Resp: 140
Ion Ratio Lower Upper
138 100
92 84.2 38.2 78.2#
108 0.0 71.7 111.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.121 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:188 Resp: 620704
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.0 9.2 13.8

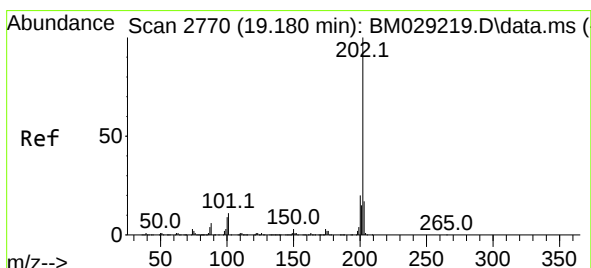
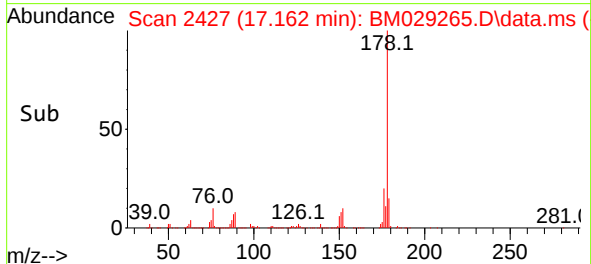
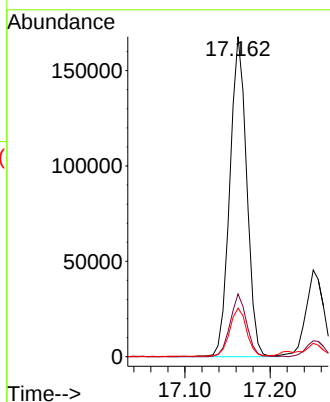
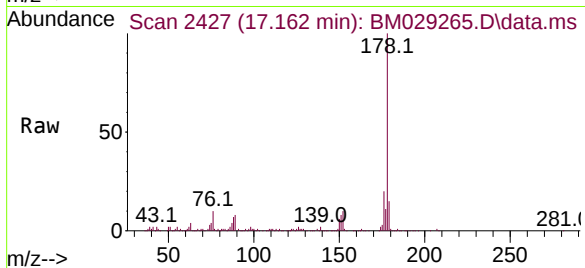




#71
Phenanthrene
Concen: 6.41 ng
RT: 17.162 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

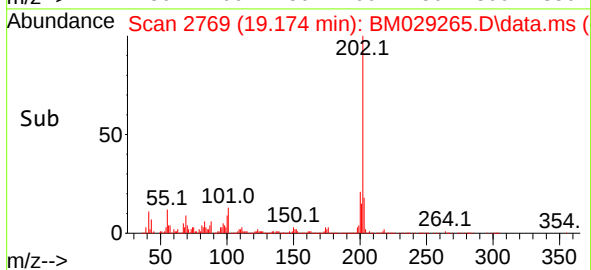
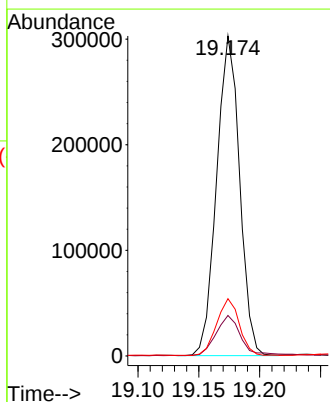
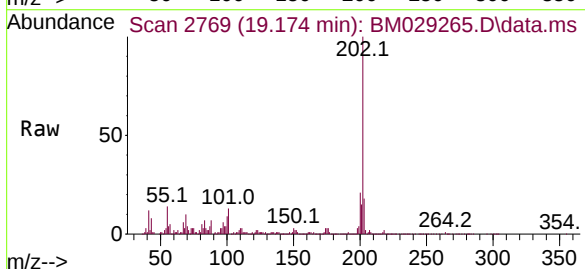
Instrument :
BNA_M
ClientSampleId :
EL-511-STREET-LEVEL

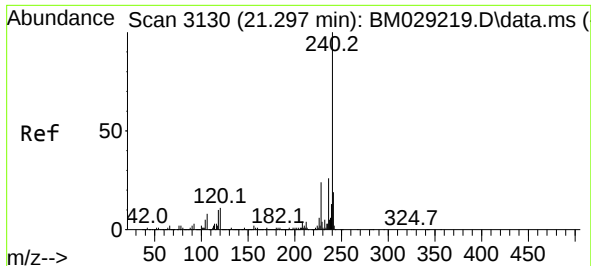
Tgt Ion:178 Resp: 230708
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.1 11.9 17.9



#75
Fluoranthene
Concen: 10.00 ng
RT: 19.174 min Scan# 2769
Delta R.T. 0.005 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:202 Resp: 397649
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.5
203 17.9 0.0 37.7

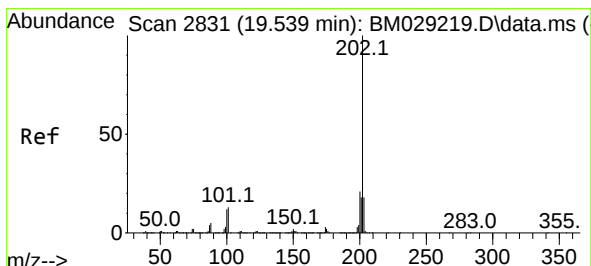
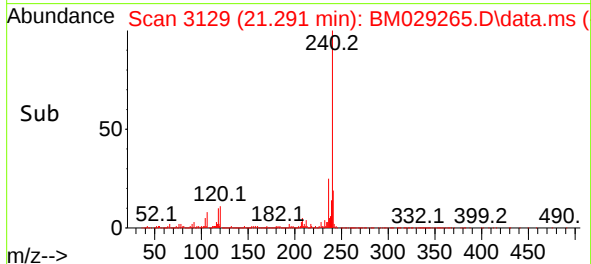
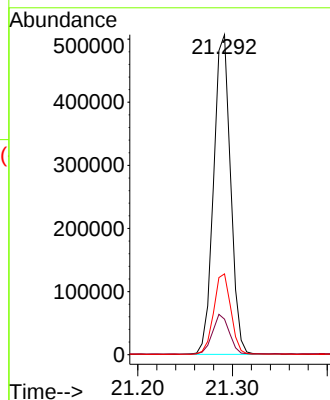
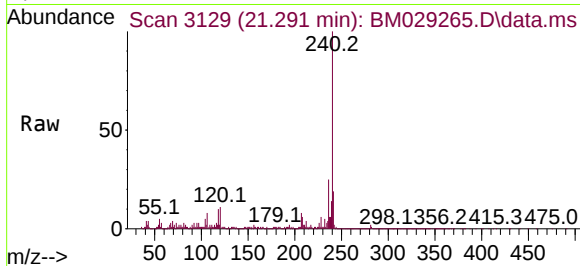




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.291 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

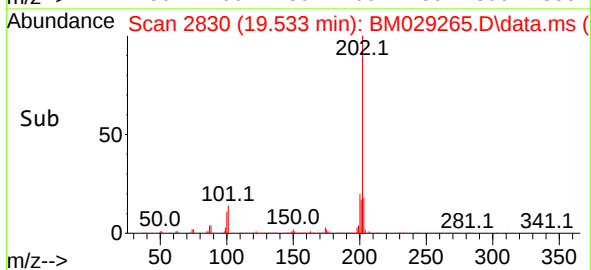
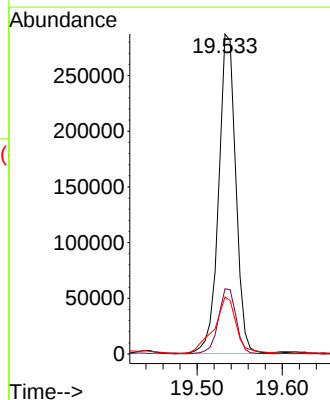
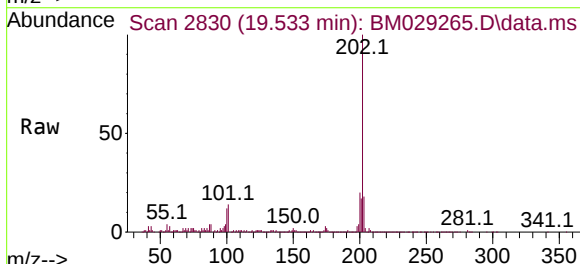
Instrument :
BNA_M
ClientSampleId :
EL-511-STREET-LEVEL

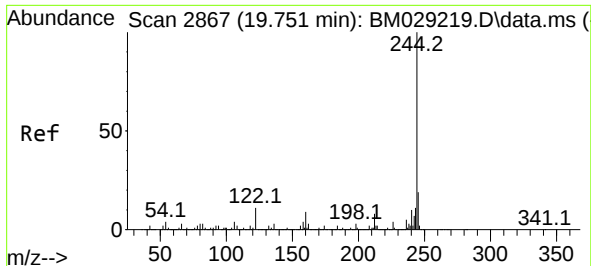
Tgt Ion:240 Resp: 628793
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.2 20.3 30.5



#78
Pyrene
Concen: 9.43 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:202 Resp: 401369
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.8 14.1 21.1

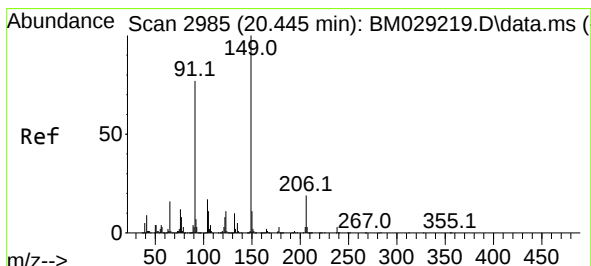
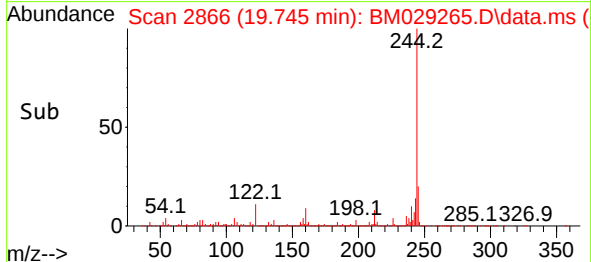
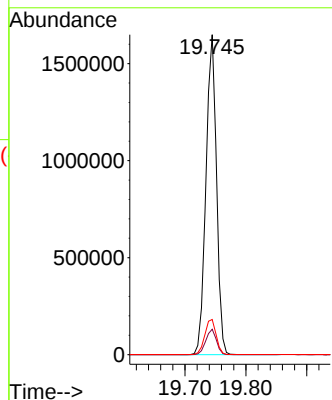
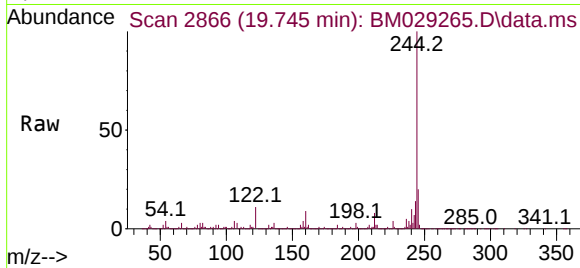




#79
Terphenyl-d14
Concen: 63.46 ng
RT: 19.745 min Scan# 2866
Delta R.T. 0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

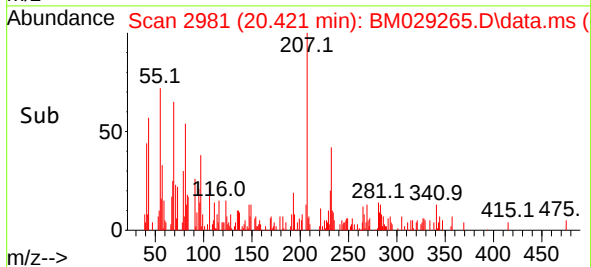
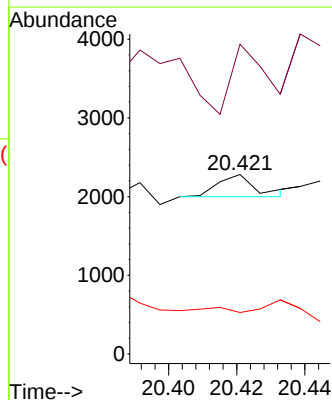
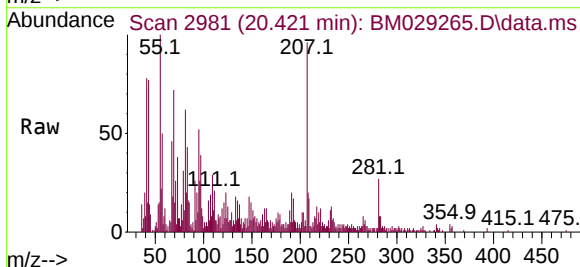
Instrument :
BNA_M
ClientSampleId :
EL-511-STREET-LEVEL

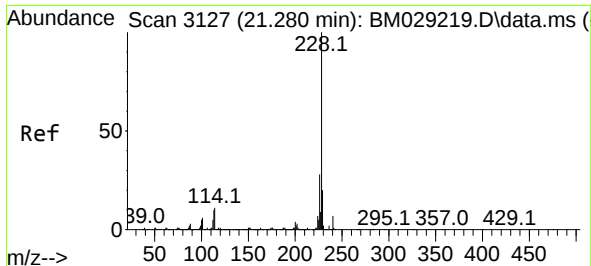
Tgt Ion:244 Resp: 1986152
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.0 9.2 13.8



#80
Butylbenzylphthalate
Concen: 3.59 ng
RT: 20.421 min Scan# 2981
Delta R.T. -0.012 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:149 Resp: 217
Ion Ratio Lower Upper
149 100
91 172.6 60.5 90.7#
206 23.1 15.7 23.5

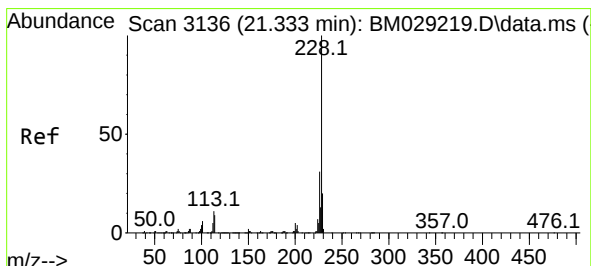
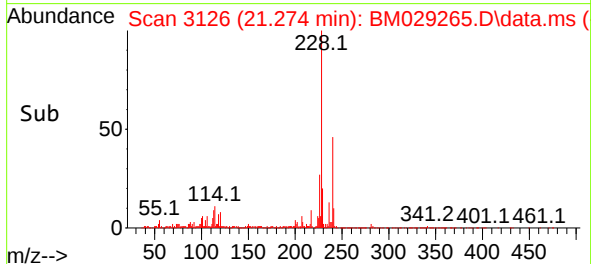
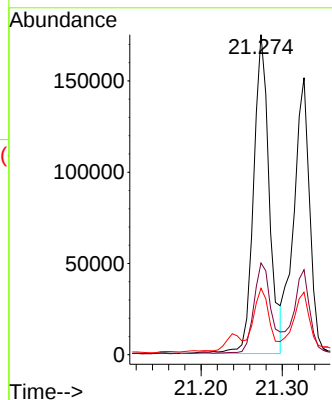
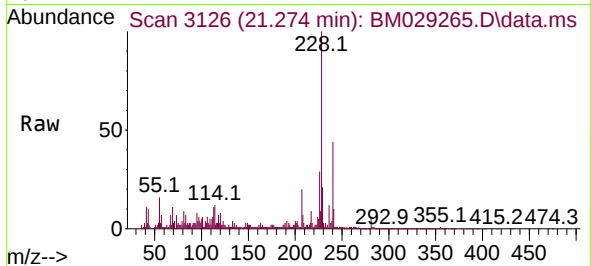




#81
Benzo(a)anthracene
Concen: 5.77 ng
RT: 21.274 min Scan# 3126
Delta R.T. 0.005 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

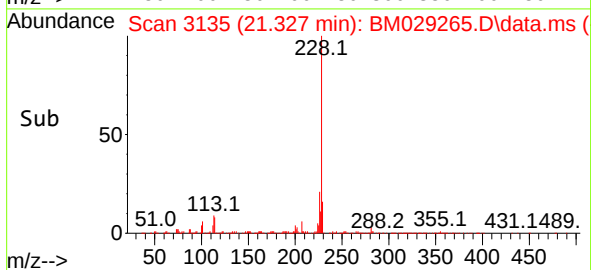
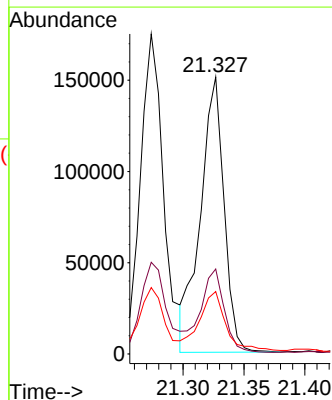
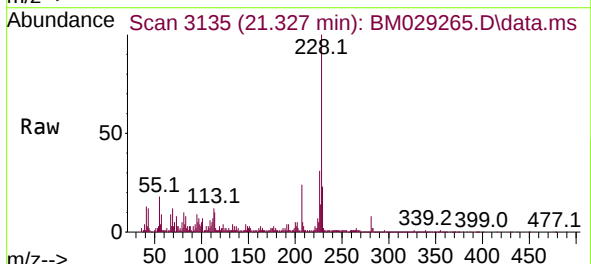
Instrument :
BNA_M
ClientSampleId :
EL-511-STREET-LEVEL

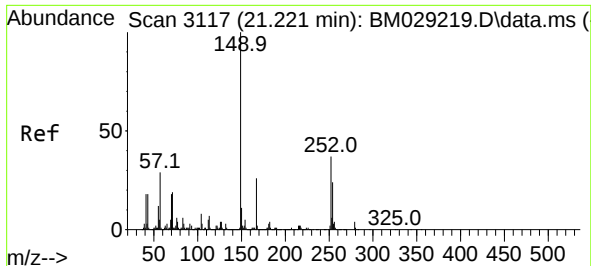
Tgt Ion:228 Resp: 236728
Ion Ratio Lower Upper
228 100
226 28.6 21.9 32.9
229 20.7 15.7 23.5



#83
Chrysene
Concen: 4.98 ng
RT: 21.327 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:228 Resp: 204352
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.5 15.8 23.6

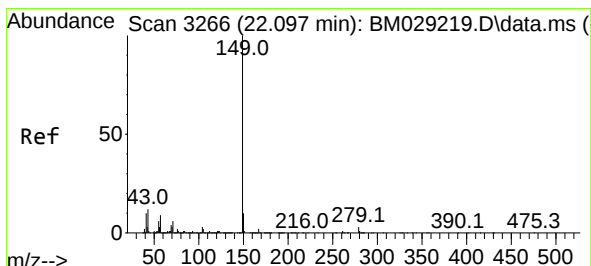
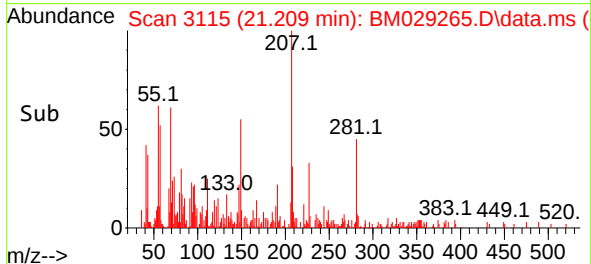
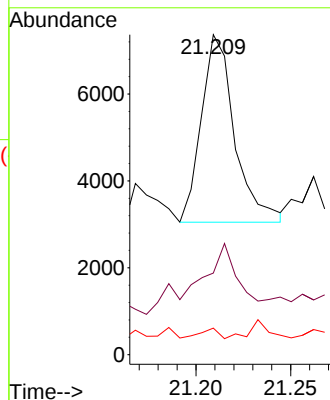
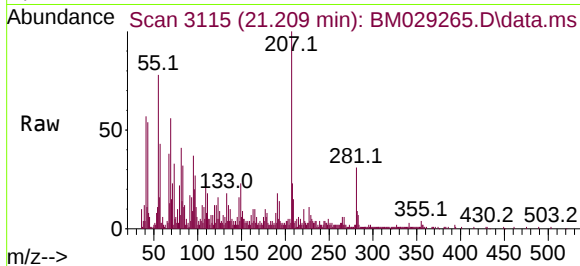




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.77 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

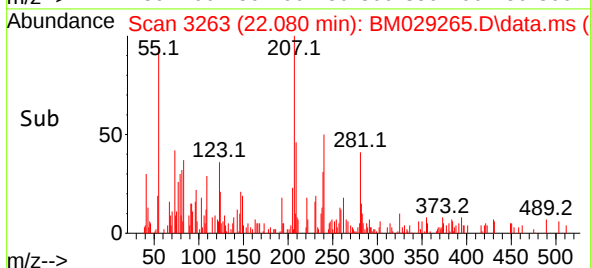
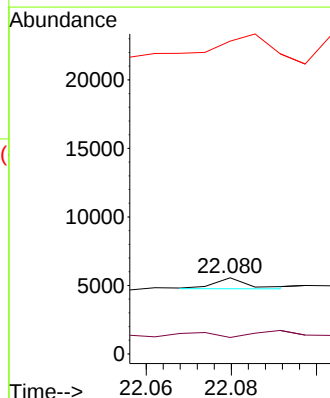
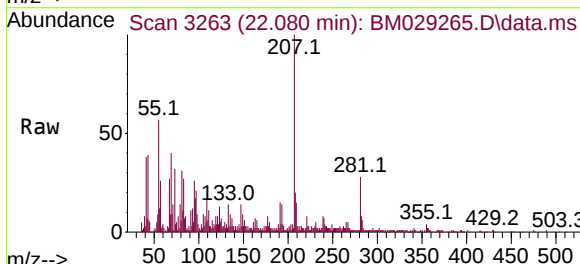
Instrument :
BNA_M
ClientSampleId :
EL-511-STREET-LEVEL

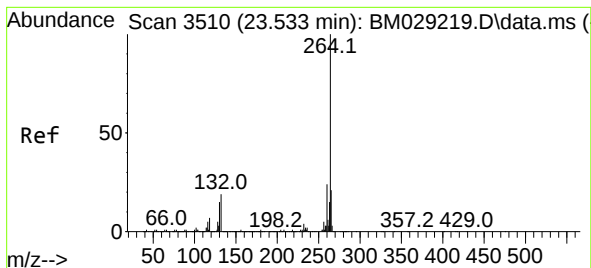
Tgt Ion:149 Resp: 5283
Ion Ratio Lower Upper
149 100
167 25.5 20.6 31.0
279 8.3 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 4.07 ng
RT: 22.080 min Scan# 3263
Delta R.T. -0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:149 Resp: 438
Ion Ratio Lower Upper
149 100
167 92.9 1.3 1.9#
43 506.2 9.8 14.6#

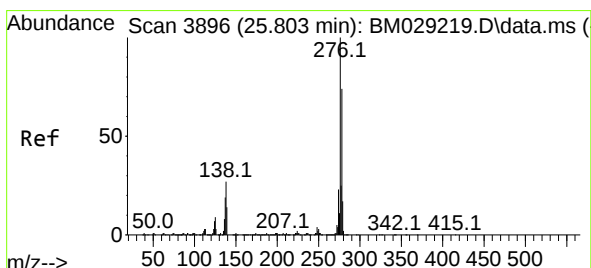
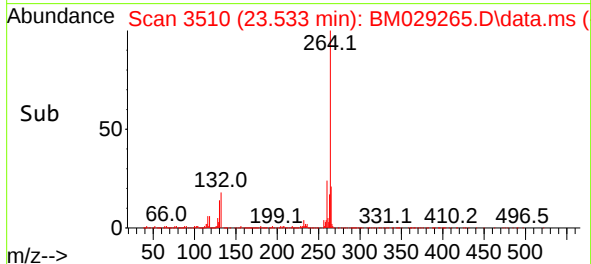
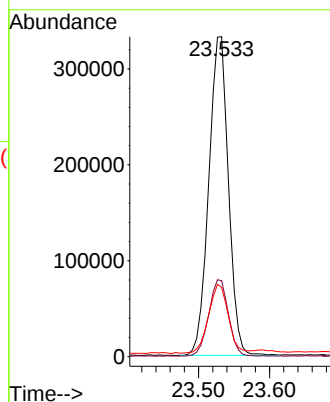
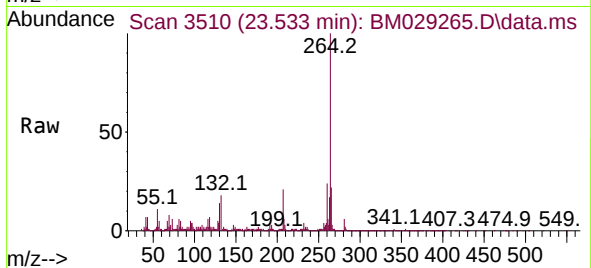




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.533 min Scan# 3510
 Delta R.T. 0.011 min
 Lab File: BM029265.D
 Acq: 30 Mar 2021 03:48

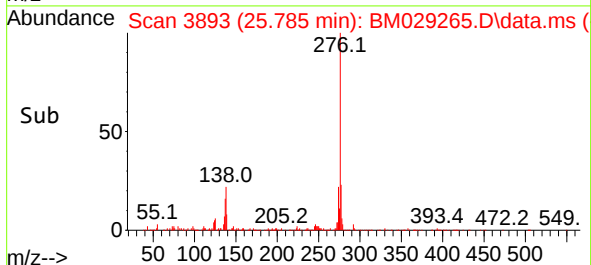
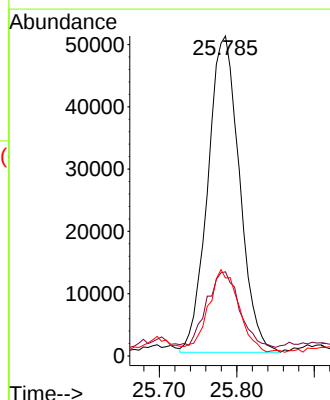
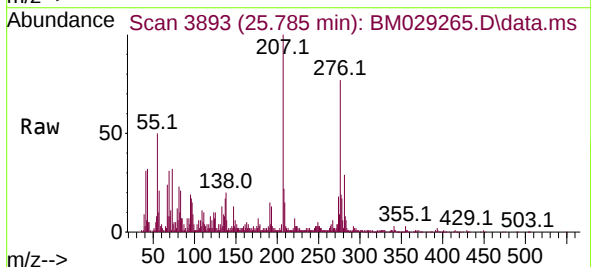
Instrument :
 BNA_M
 ClientSampleId :
 EL-511-STREET-LEVEL

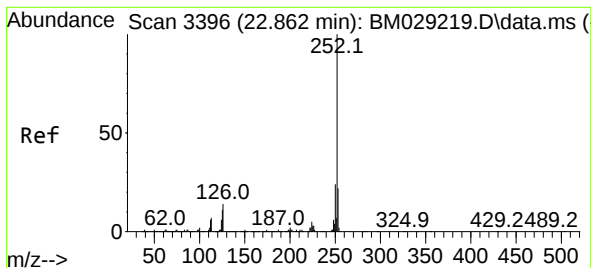
Tgt Ion:	264	Resp:	639029
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.6	29.4
265	21.7	17.8	26.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.09 ng
 RT: 25.785 min Scan# 3893
 Delta R.T. 0.006 min
 Lab File: BM029265.D
 Acq: 30 Mar 2021 03:48

Tgt Ion:	276	Resp:	144199
Ion Ratio	Lower	Upper	
276	100		
138	24.5	22.6	34.0
277	24.2	20.2	30.4





#88

Benzo(b)fluoranthene

Concen: 8.88 ng

RT: 22.856 min Scan# 3395

Delta R.T. 0.011 min

Lab File: BM029265.D

Acq: 30 Mar 2021 03:48

Tgt Ion:252 Resp: 369203

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

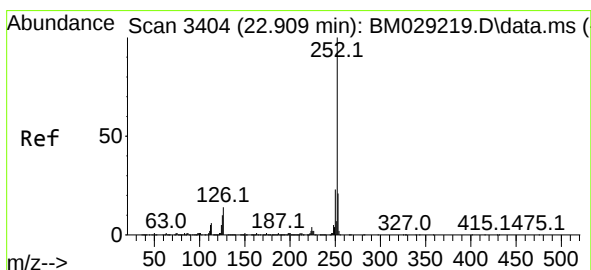
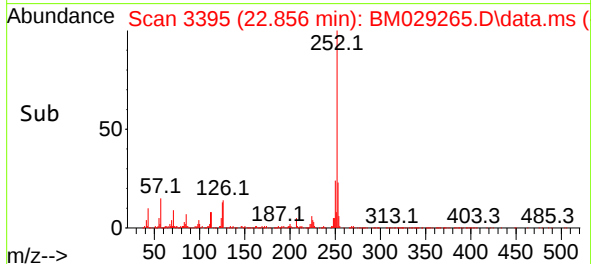
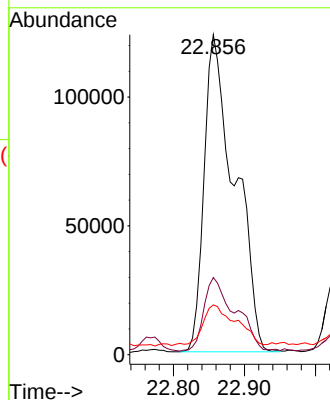
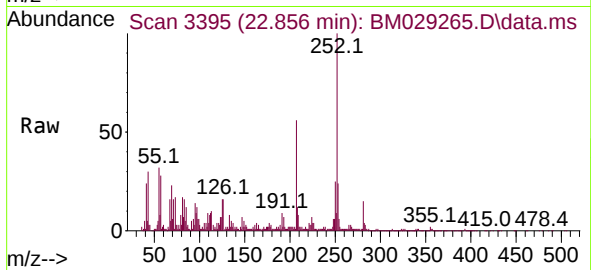
125 15.5 9.0 13.4#

Instrument :

BNA_M

ClientSampleId :

EL-511-STREET-LEVEL



#89

Benzo(k)fluoranthene

Concen: 9.14 ng

RT: 22.856 min Scan# 3395

Delta R.T. -0.036 min

Lab File: BM029265.D

Acq: 30 Mar 2021 03:48

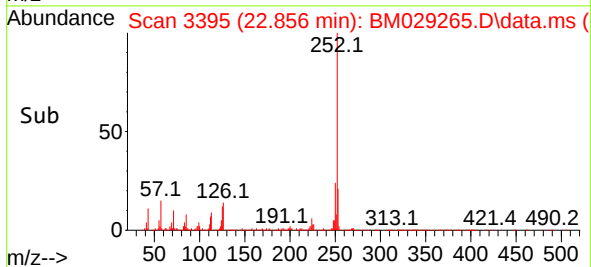
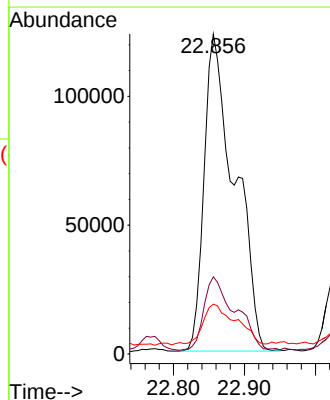
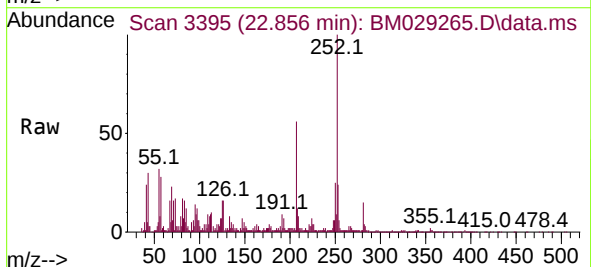
Tgt Ion:252 Resp: 369203

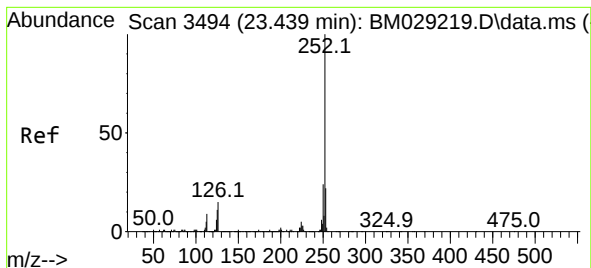
Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 15.5 8.7 13.1#

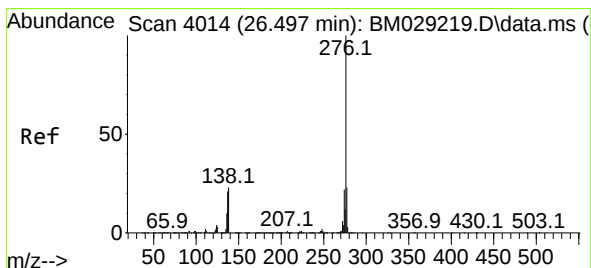
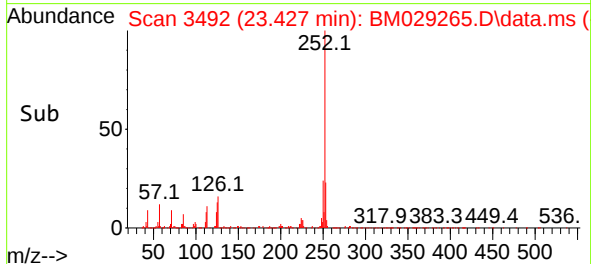
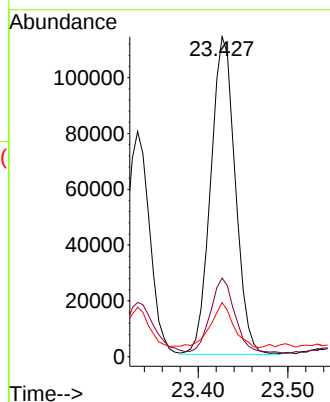
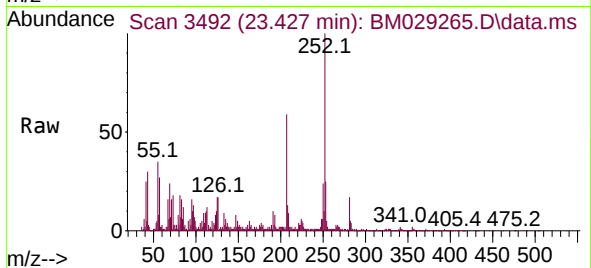




#90
Benzo(a)pyrene
Concen: 5.75 ng
RT: 23.427 min Scan# 3492
Delta R.T. 0.005 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Instrument :
BNA_M
ClientSampleId :
EL-511-STREET-LEVEL

Tgt Ion:252 Resp: 216515
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.4
125 16.9 9.5 14.3#



#92
Benzo(g,h,i)perylene
Concen: 3.57 ng
RT: 26.479 min Scan# 4011
Delta R.T. 0.006 min
Lab File: BM029265.D
Acq: 30 Mar 2021 03:48

Tgt Ion:276 Resp: 139832
Ion Ratio Lower Upper
276 100
277 25.6 18.7 28.1
138 28.3 19.0 28.4

