

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029664.D
 Acq On : 26 Apr 2021 23:51
 Operator : CG/JU
 Sample : M2170-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-1

Quant Time: Apr 27 01:34:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

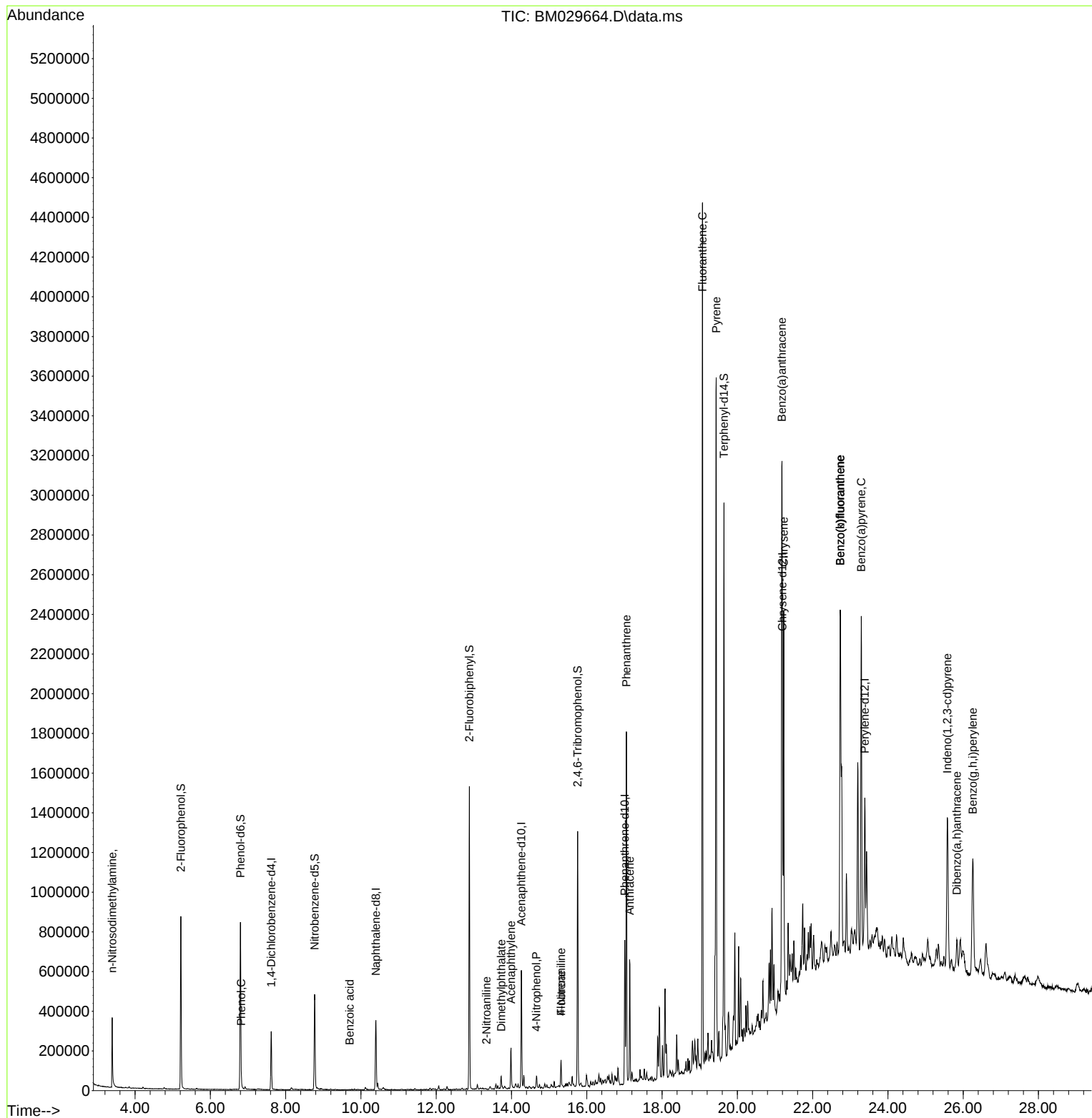
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	79704	20.00	ng	0.00
21) Naphthalene-d8	10.399	136	294124	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	201075	20.00	ng	0.00
64) Phenanthrene-d10	17.010	188	439398	20.00	ng	0.00
76) Chrysene-d12	21.198	240	500242	20.00	ng	0.00
86) Perylene-d12	23.386	264	520057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.217	112	348784	87.73	ng	0.00
7) Phenol-d6	6.799	99	439971	74.09	ng	0.00
23) Nitrobenzene-d5	8.769	82	284748	49.86	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	220527	79.30	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	784612	52.96	ng	0.00
79) Terphenyl-d14	19.645	244	1192641	45.20	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.393	42	11718	5.85	ng	# 1
10) Phenol	6.822	94	11607	2.02	ng	83
32) Benzoic acid	9.705	122	56	7.23	ng	96
48) 2-Nitroaniline	13.334	65	59	2.88	ng	# 4
49) Acenaphthylene	13.987	152	163292	9.05	ng	99
50) Dimethylphthalate	13.728	163	34852	2.29	ng	98
56) 4-Nitrophenol	14.663	139	11400	4.61	ng	# 6
58) Fluorene	15.316	166	58315	3.64	ng	96
62) 4-Nitroaniline	15.316	138	809	3.68	ng	# 10
71) Phenanthrene	17.051	178	1054603	41.68	ng	100
72) Anthracene	17.139	178	390876	15.66	ng	99
75) Fluoranthene	19.075	202	2493885	81.29	ng	98
78) Pyrene	19.439	202	2161821	67.17	ng	99
81) Benzo(a)anthracene	21.180	228	1247208	37.69	ng	96
83) Chrysene	21.233	228	1019485	31.35	ng	97
87) Indeno(1,2,3-cd)pyrene	25.580	276	715432	17.79	ng	# 94
88) Benzo(b)fluoranthene	22.733	252	1967025	58.00	ng	98
89) Benzo(k)fluoranthene	22.733	252	1967025	57.87	ng	98
90) Benzo(a)pyrene	23.292	252	1108347	34.81	ng	98
91) Dibenzo(a,h)anthracene	25.833	278	150536	4.34	ng	95
92) Benzo(g,h,i)perylene	26.256	276	686196	21.40	ng	99

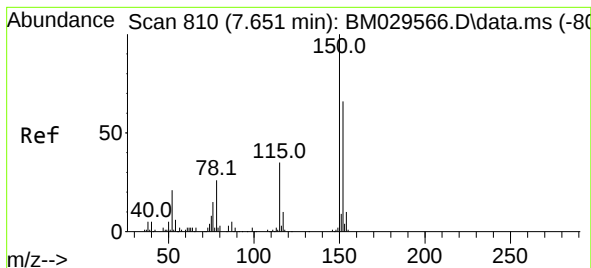
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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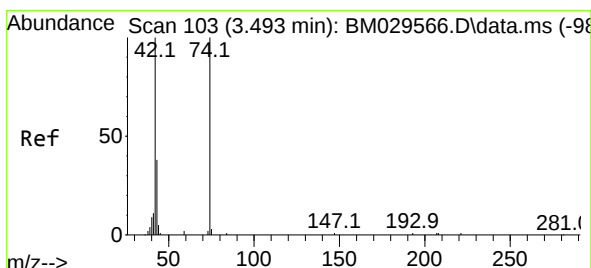
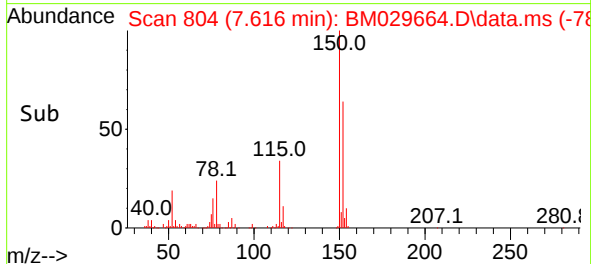
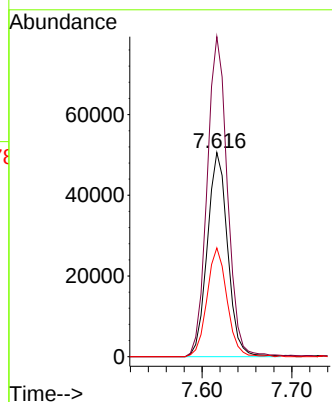
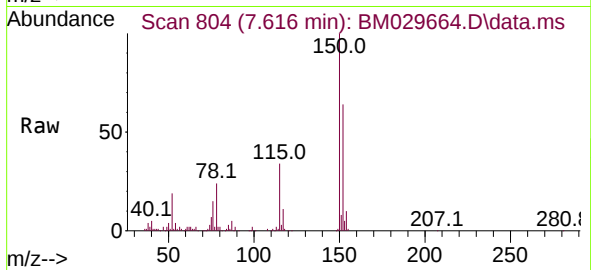




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

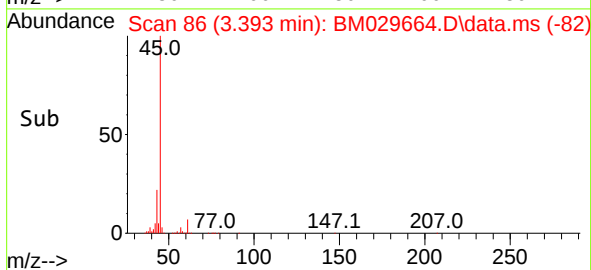
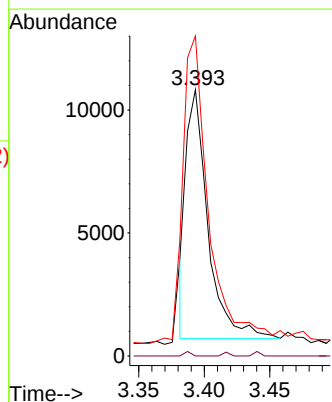
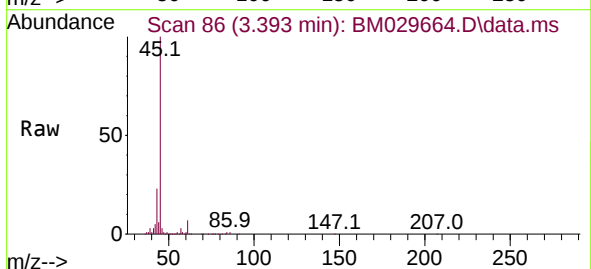
Instrument :
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ClientSampleId :
STOCKPILE-COMP-1

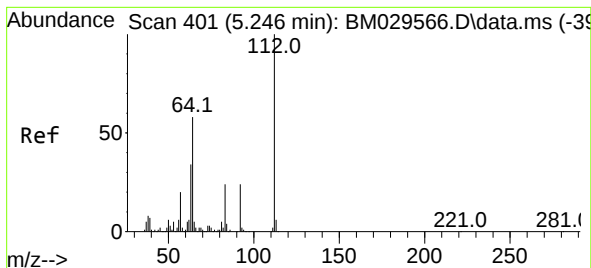
Tgt Ion:152 Resp: 79704
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 53.3 44.6 67.0



#4
n-Nitrosodimethylamine
Concen: 5.85 ng
RT: 3.393 min Scan# 86
Delta R.T. -0.076 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion: 42 Resp: 11718
Ion Ratio Lower Upper
42 100
74 0.0 84.1 126.1#
44 120.2 4.5 6.7#

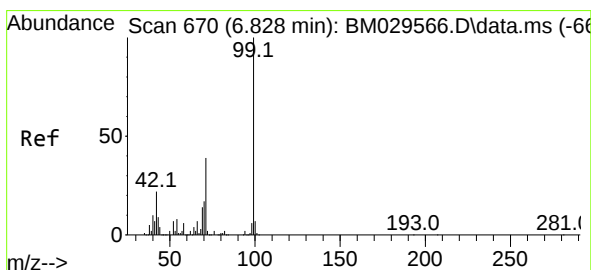
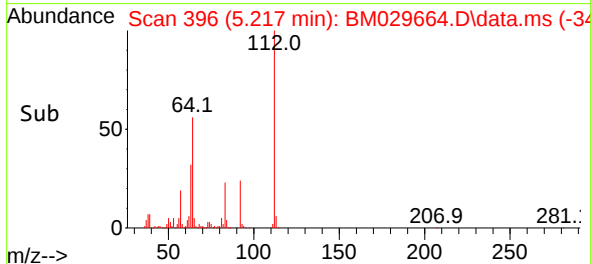
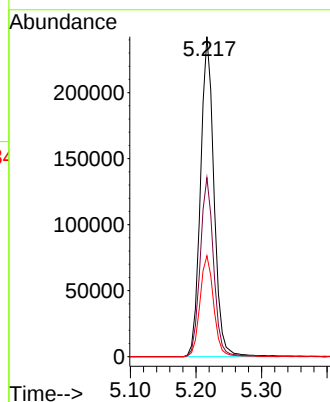
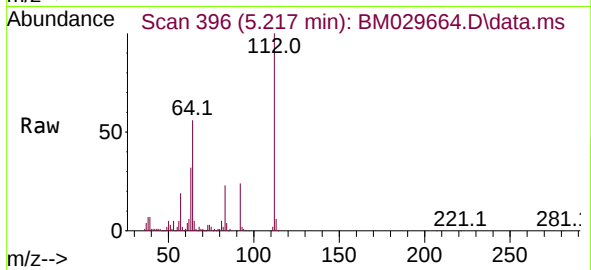




#5
2-Fluorophenol
Concen: 87.73 ng
RT: 5.217 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

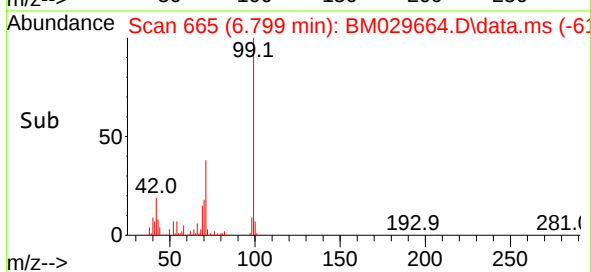
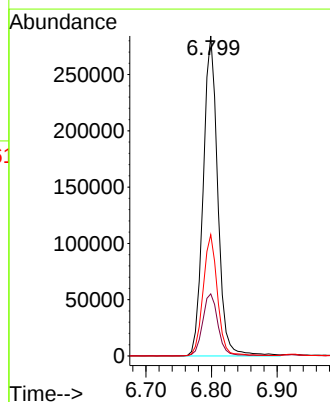
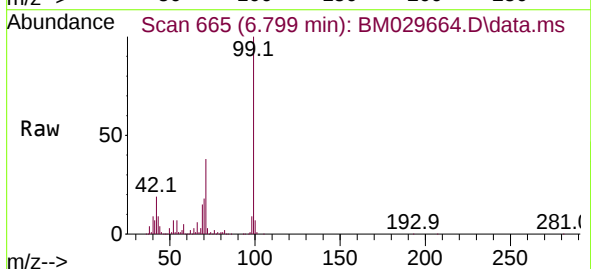
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

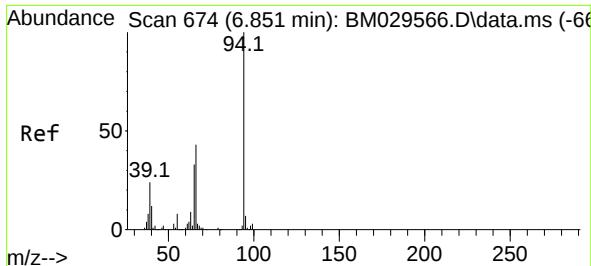
Tgt Ion:112 Resp: 348784
Ion Ratio Lower Upper
112 100
64 56.0 47.1 70.7
63 31.5 27.3 40.9



#7
Phenol-d6
Concen: 74.09 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion: 99 Resp: 439971
Ion Ratio Lower Upper
99 100
42 19.4 18.0 27.0
71 37.9 30.9 46.3

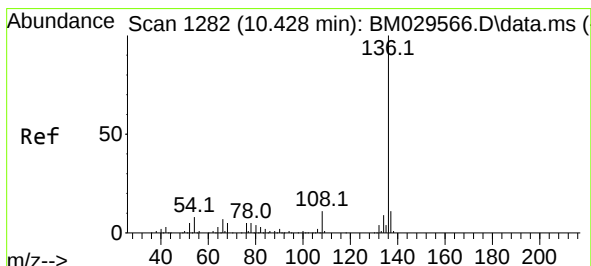
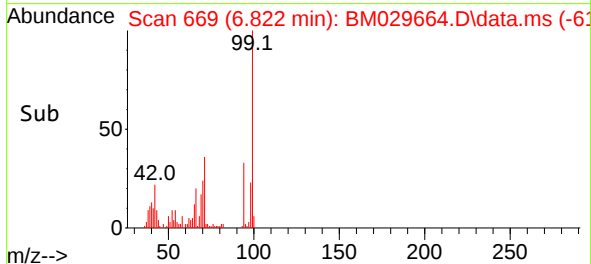
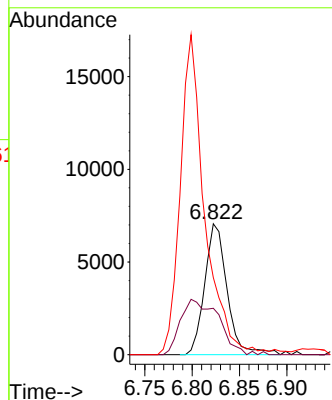
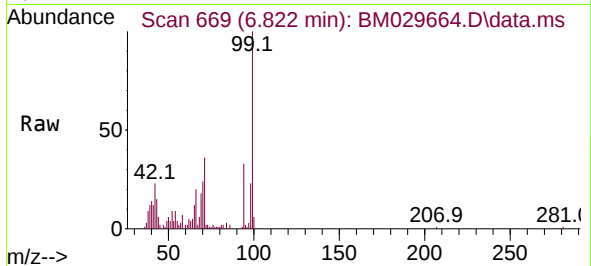




#10
Phenol
Concen: 2.02 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.005 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

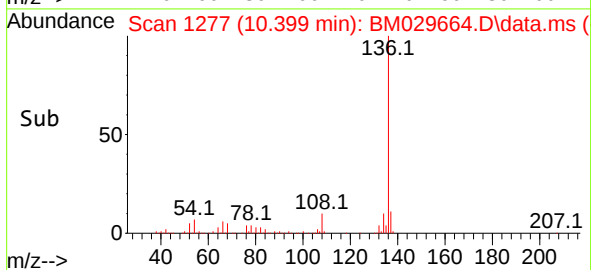
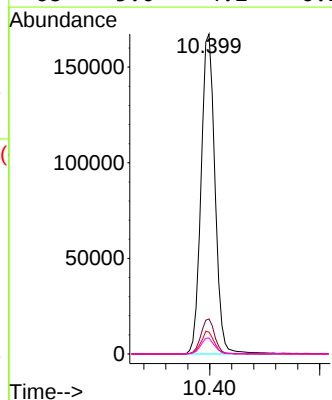
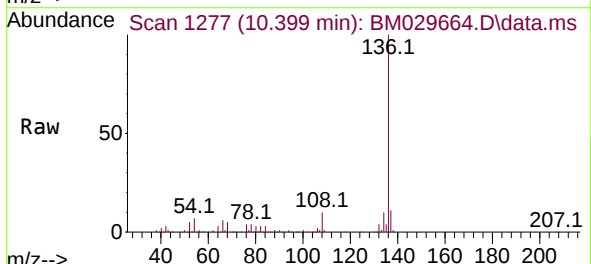
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

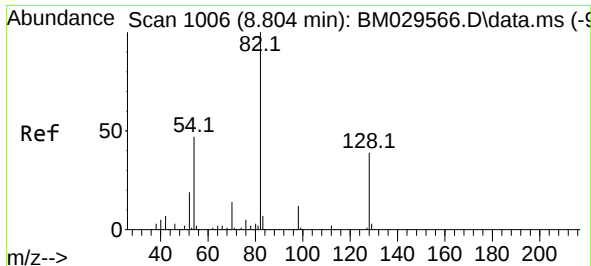
Tgt Ion: 94 Resp: 11607
Ion Ratio Lower Upper
94 100
65 35.5 11.9 51.9
66 59.0 22.6 62.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.399 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:136 Resp: 294124
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 5.5 8.3
68 5.0 4.2 6.2

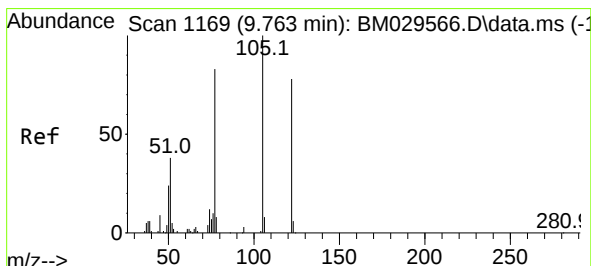
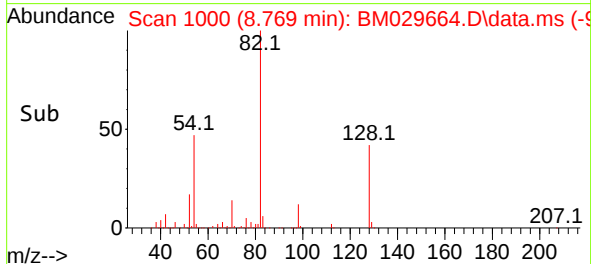
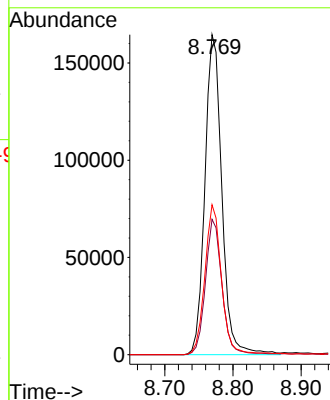
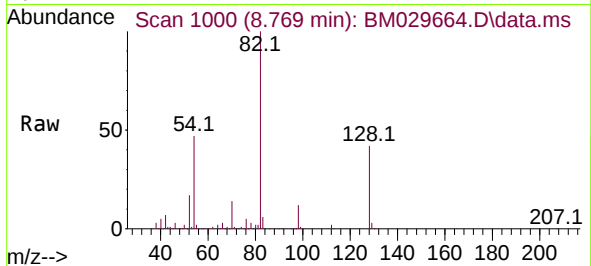




#23
Nitrobenzene-d5
Concen: 49.86 ng
RT: 8.769 min Scan# 1000
Delta R.T. -0.005 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

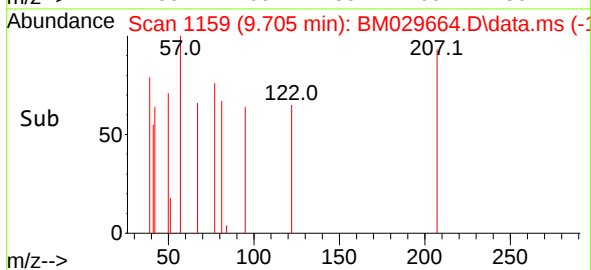
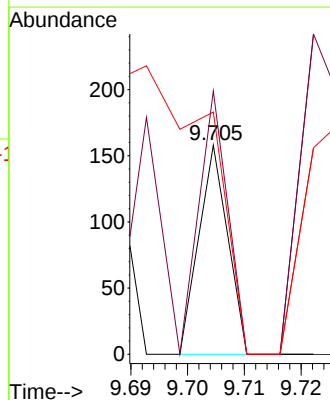
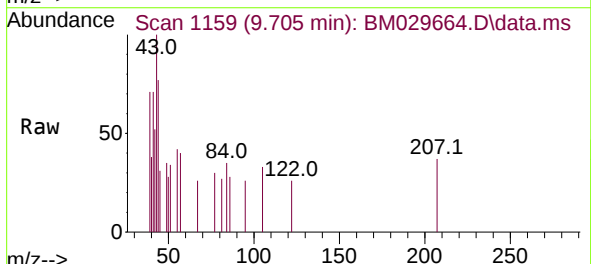
Instrument :
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ClientSampleId :
STOCKPILE-COMP-1

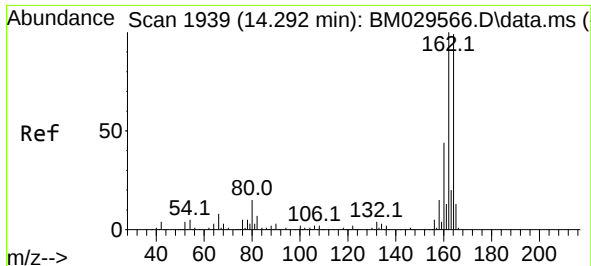
Tgt Ion: 82 Resp: 284748
Ion Ratio Lower Upper
82 100
128 42.3 31.1 46.7
54 46.8 37.3 55.9



#32
Benzoic acid
Concen: 7.23 ng
RT: 9.705 min Scan# 1159
Delta R.T. -0.029 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

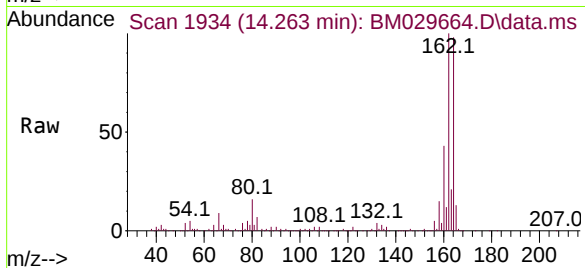
Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 125.9 107.3 147.3
77 115.8 88.0 128.0



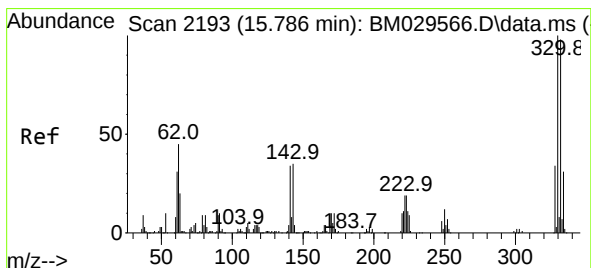
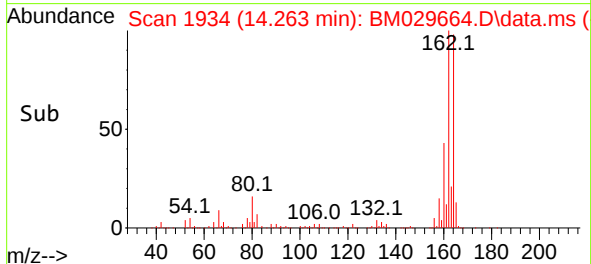
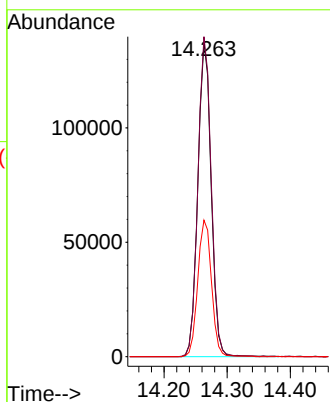


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Instrument :
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STOCKPILE-COMP-1

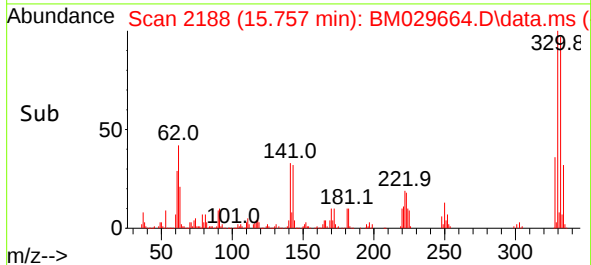
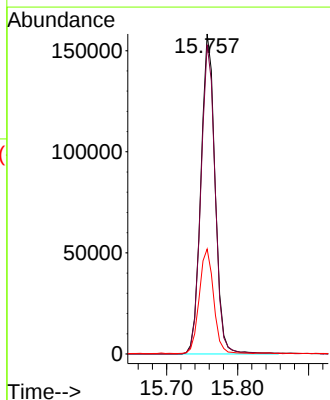
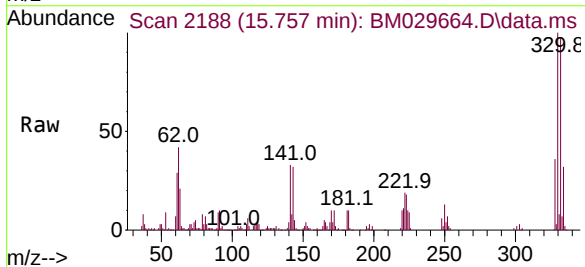


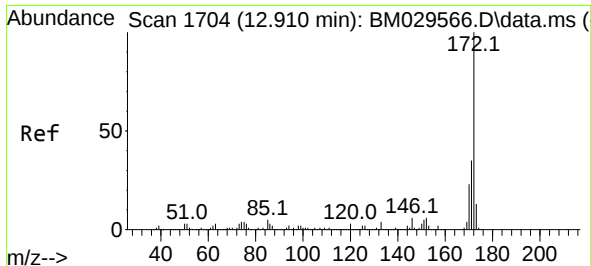
Tgt Ion:164 Resp: 201075
Ion Ratio Lower Upper
164 100
162 101.7 83.4 125.0
160 43.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 79.30 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:330 Resp: 220527
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 33.0 30.2 45.2

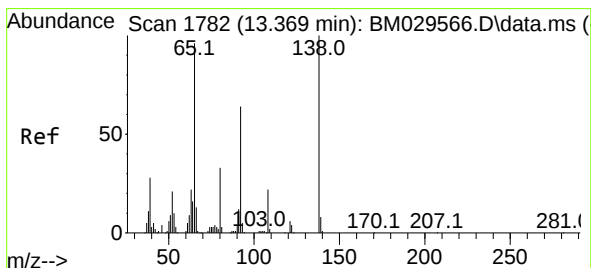
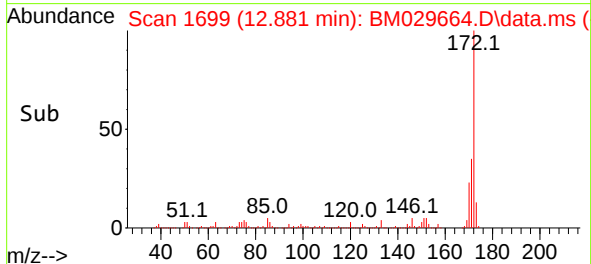
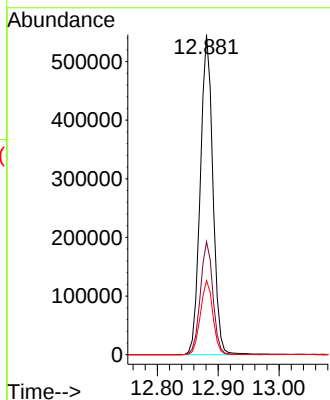
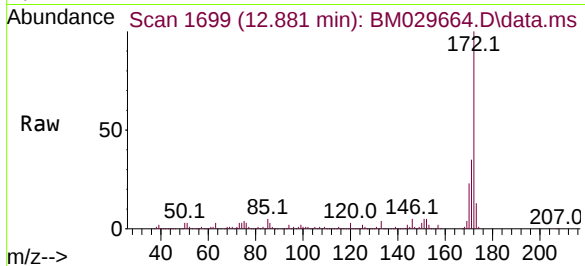




#45
2-Fluorobiphenyl
Concen: 52.96 ng
RT: 12.881 min Scan# 1699
Delta R.T. -0.005 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

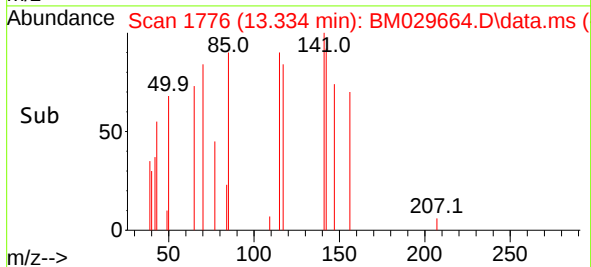
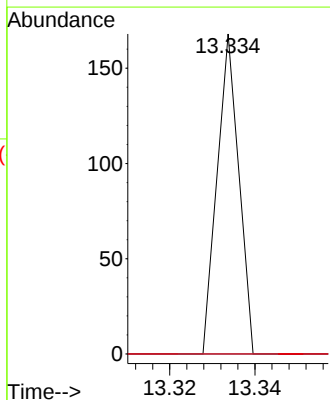
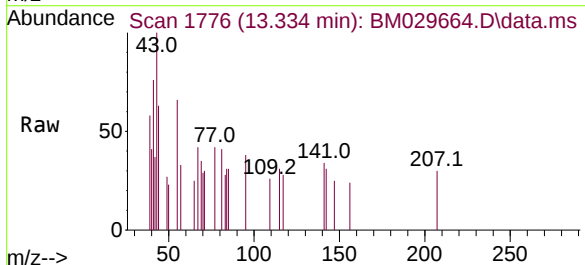
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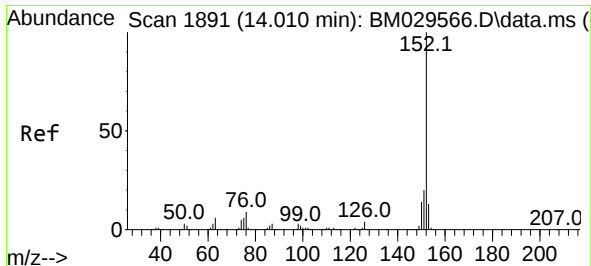
Tgt Ion:172 Resp: 784612
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.1 18.4 27.6



#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.334 min Scan# 1776
Delta R.T. -0.011 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

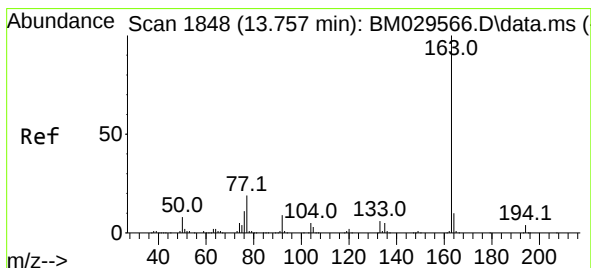
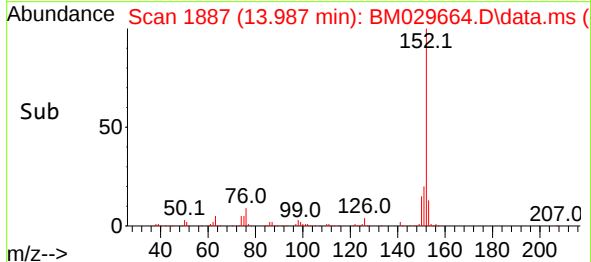
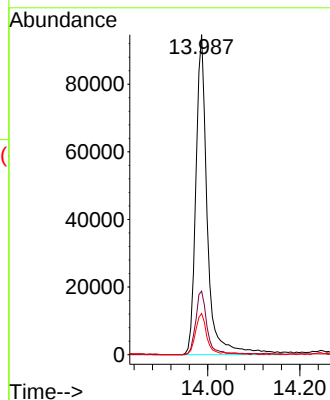
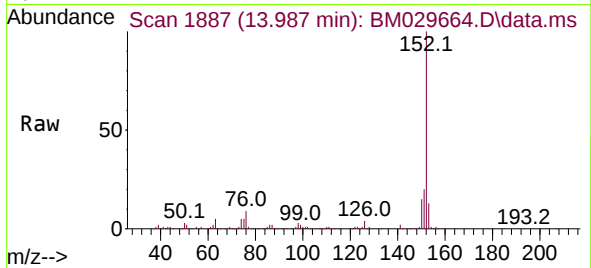




#49
Acenaphthylene
Concen: 9.05 ng
RT: 13.987 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

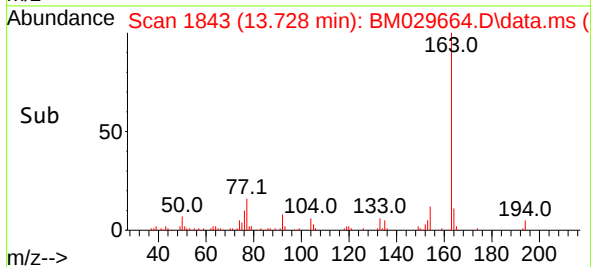
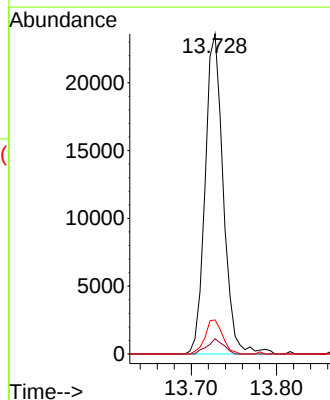
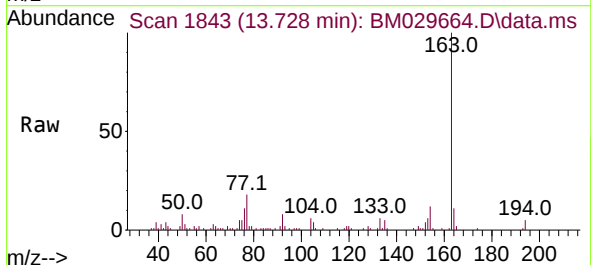
Instrument :
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ClientSampleId :
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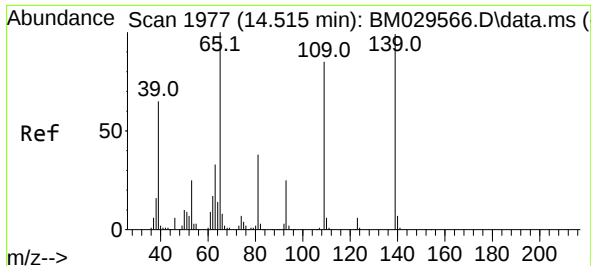
Tgt Ion:152 Resp: 163292
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.9 10.2 15.4



#50
Dimethylphthalate
Concen: 2.29 ng
RT: 13.728 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:163 Resp: 34852
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.6 7.9 11.9

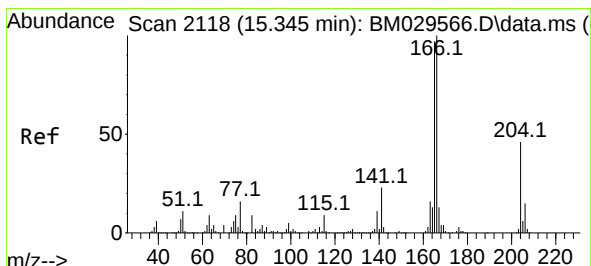
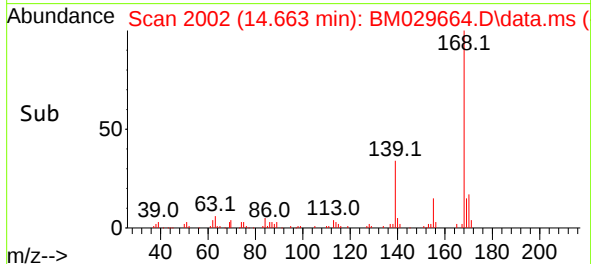
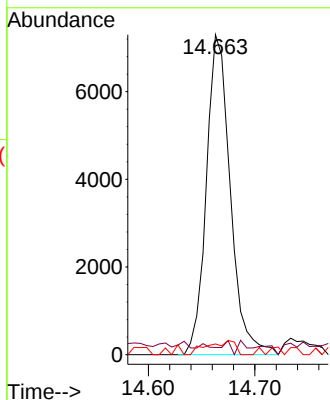
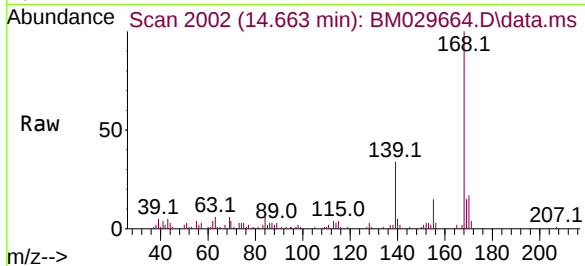




#56
4-Nitrophenol
Concen: 4.61 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.165 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

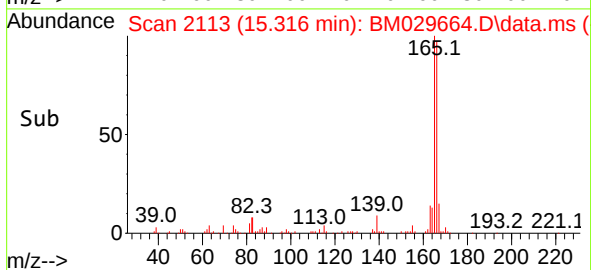
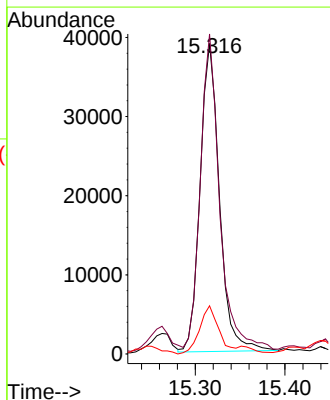
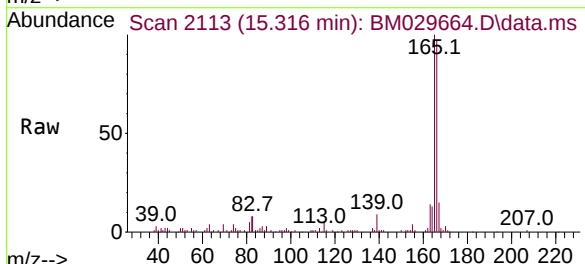
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

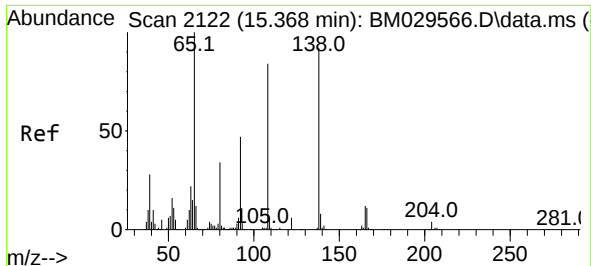
Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.3	64.5	104.5#
65	3.4	78.9	118.9#



#58
Fluorene
Concen: 3.64 ng
RT: 15.316 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.0	118.6
167	15.5	10.8	16.2

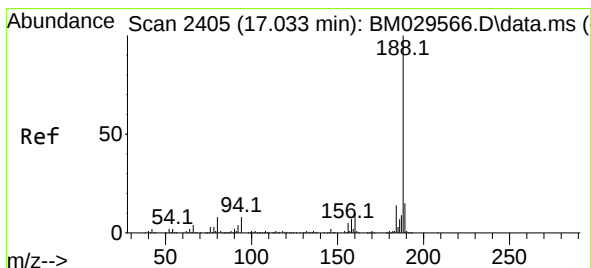
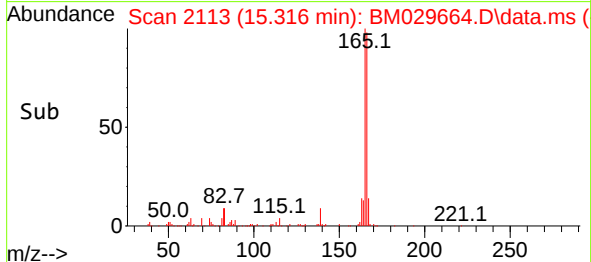
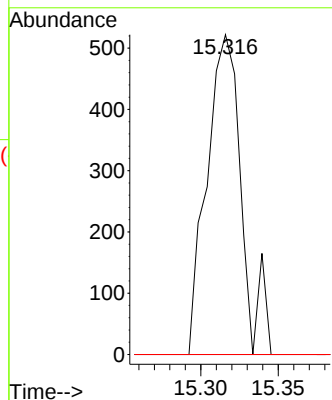
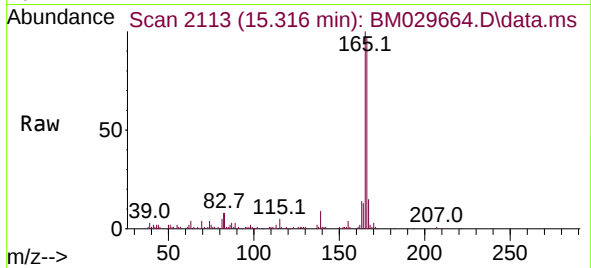




#62
4-Nitroaniline
Concen: 3.68 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.029 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

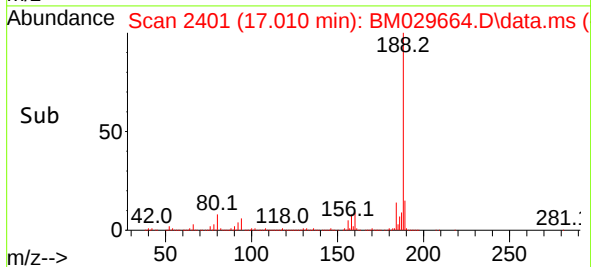
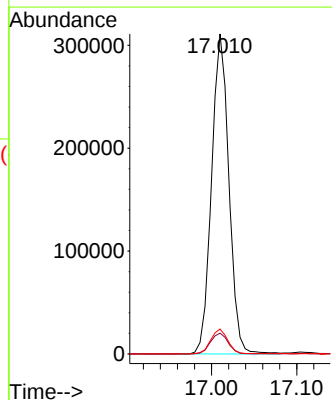
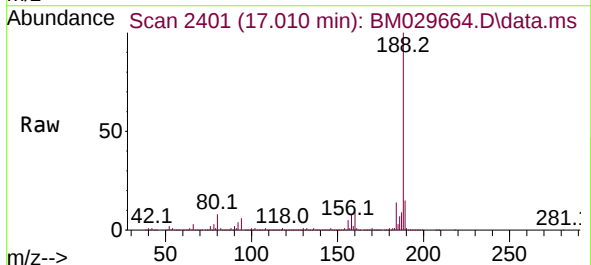
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

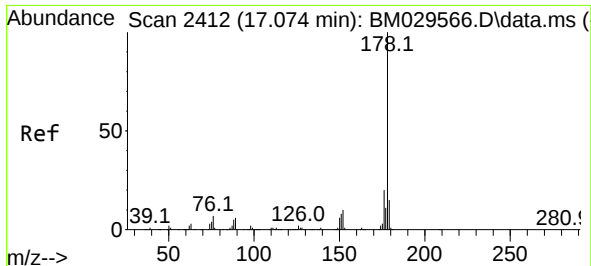
Tgt Ion:138 Resp: 809
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:188 Resp: 439398
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.8 6.6 9.8

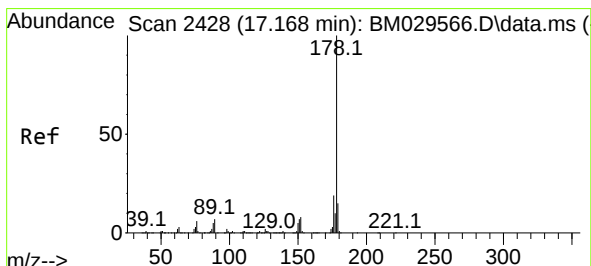
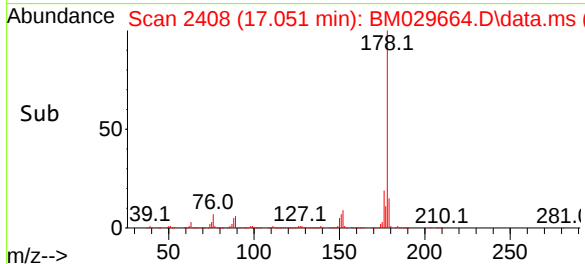
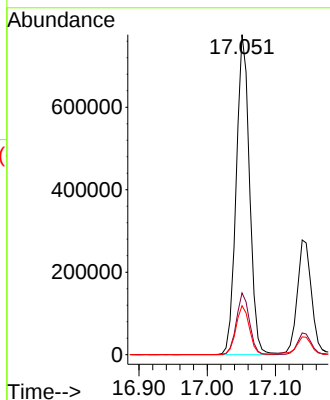
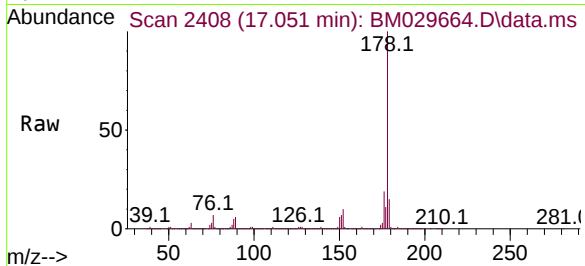




#71
Phenanthrene
Concen: 41.68 ng
RT: 17.051 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

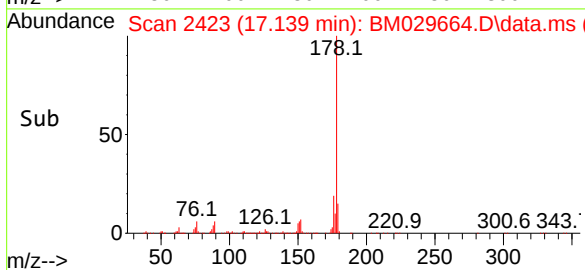
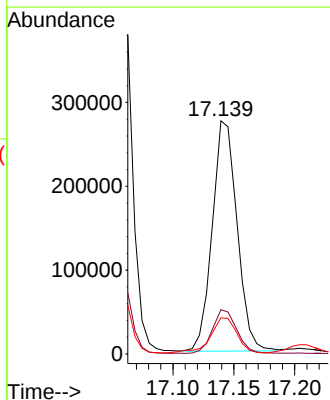
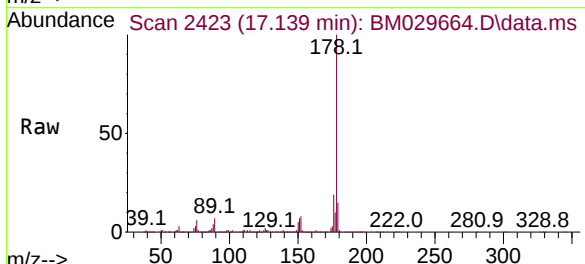
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

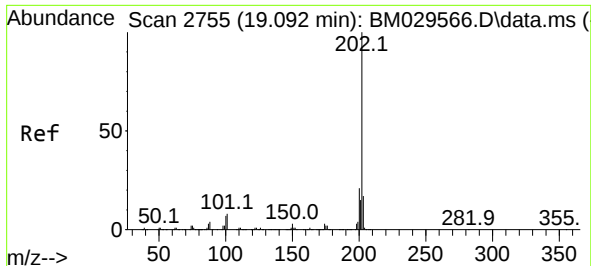
Tgt Ion:178 Resp: 1054603
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 15.66 ng
RT: 17.139 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:178 Resp: 390876
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.5 12.5 18.7

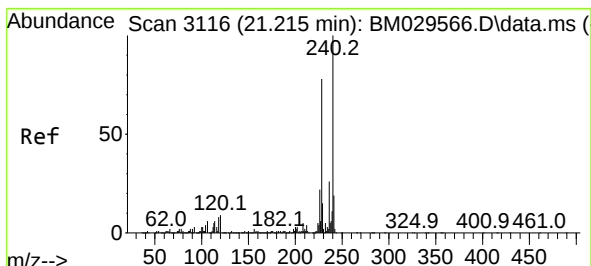
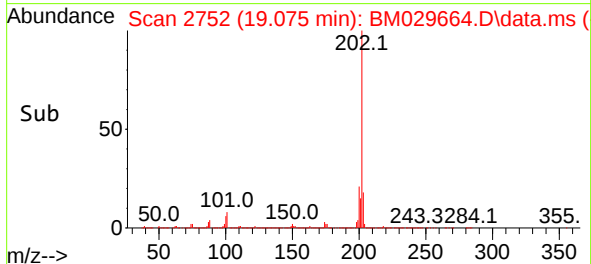
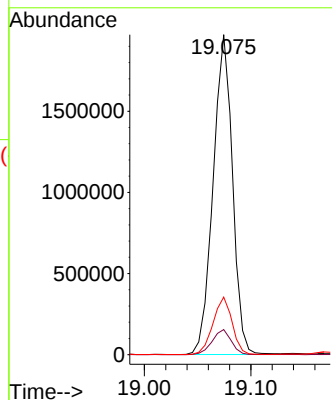
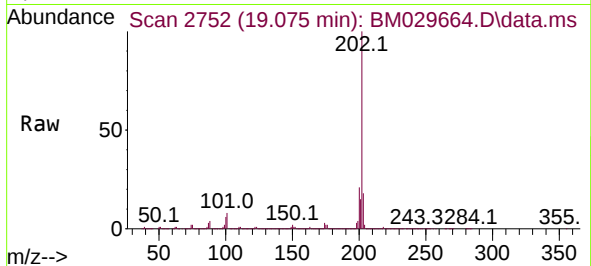




#75
Fluoranthene
Concen: 81.29 ng
RT: 19.075 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

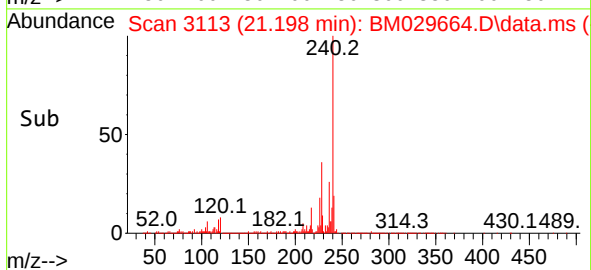
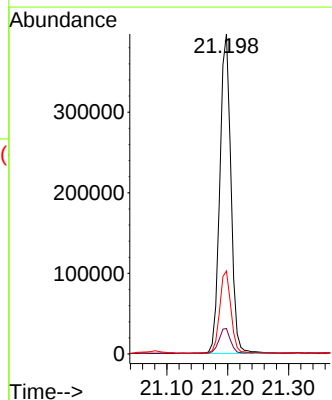
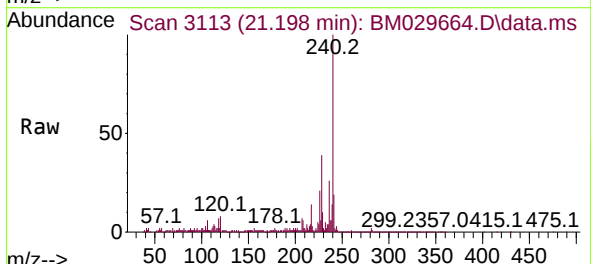
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

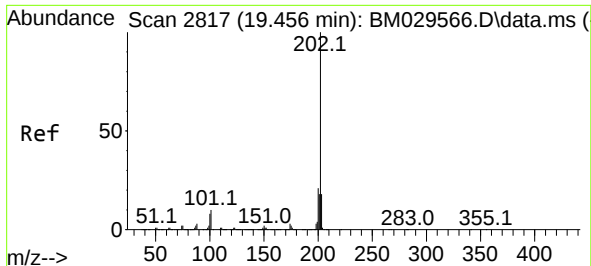
Tgt Ion:202 Resp: 2493885
Ion Ratio Lower Upper
202 100
101 7.8 0.0 28.6
203 18.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:240 Resp: 500242
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.9 21.0 31.4

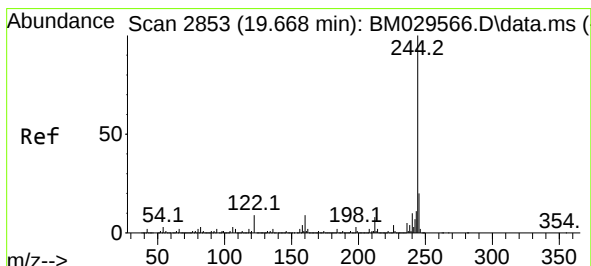
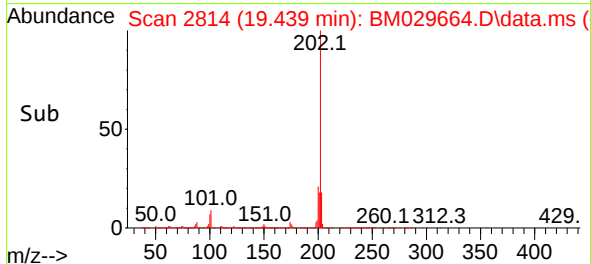
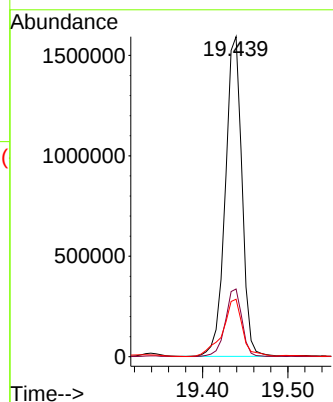
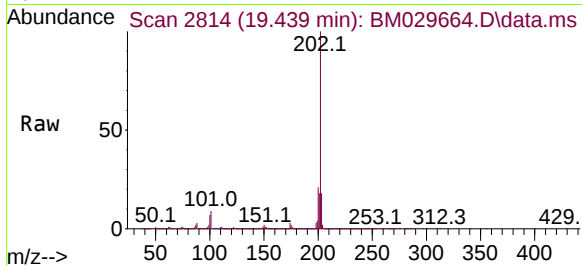




#78
Pyrene
Concen: 67.17 ng
RT: 19.439 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

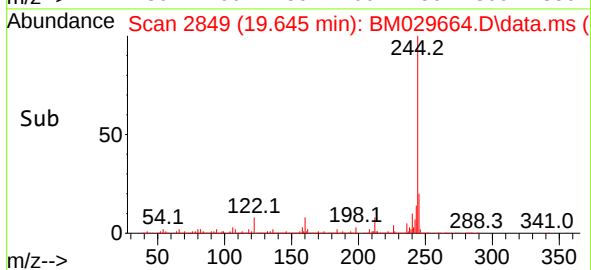
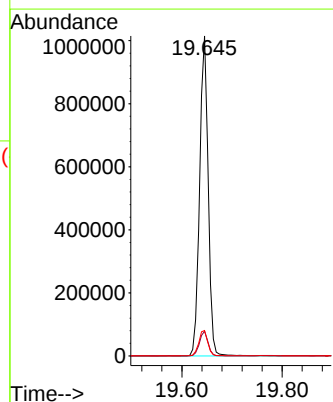
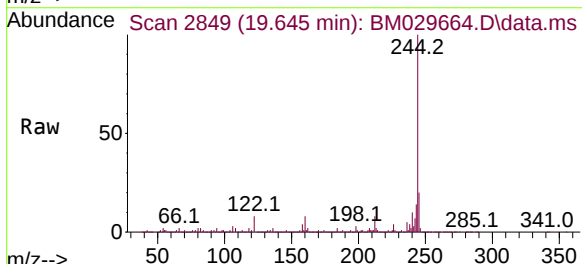
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

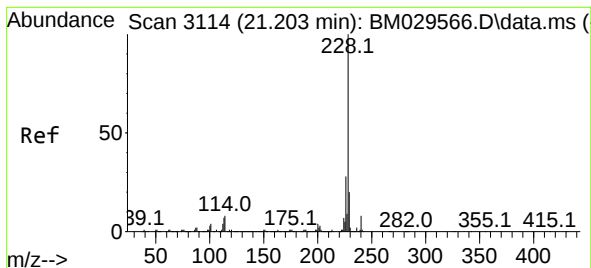
Tgt Ion:202 Resp: 2161821
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 18.0 13.9 20.9



#79
Terphenyl-d14
Concen: 45.20 ng
RT: 19.645 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:244 Resp: 1192641
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 7.9 6.9 10.3

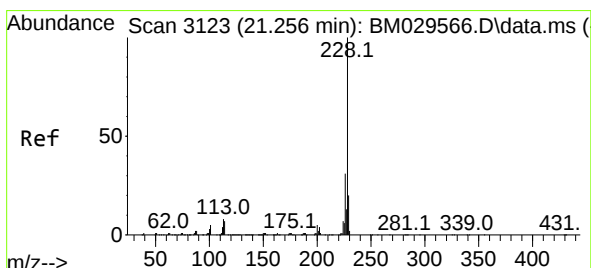
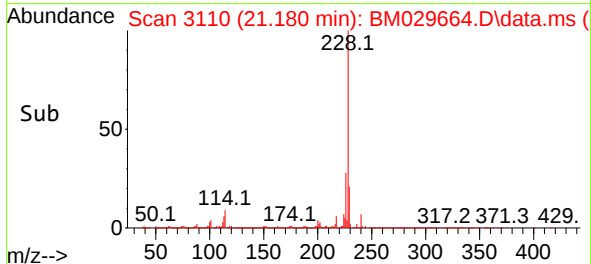
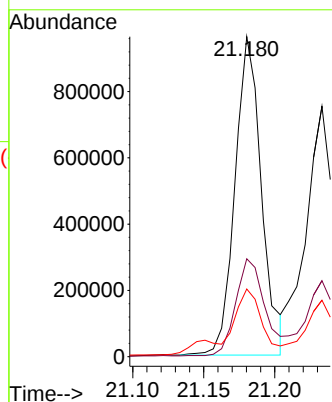
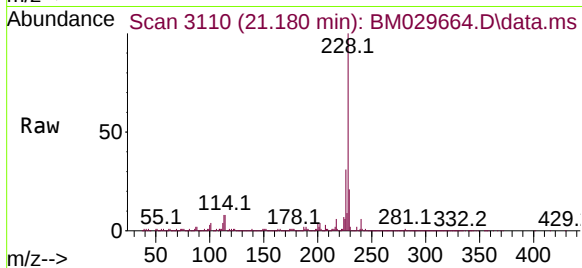




#81
Benzo(a)anthracene
Concen: 37.69 ng
RT: 21.180 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

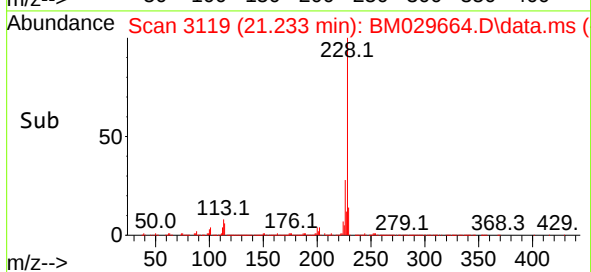
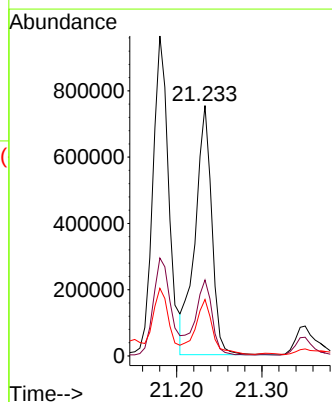
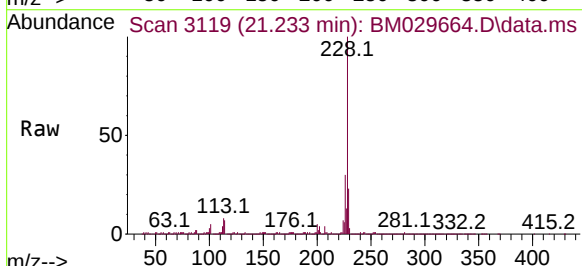
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

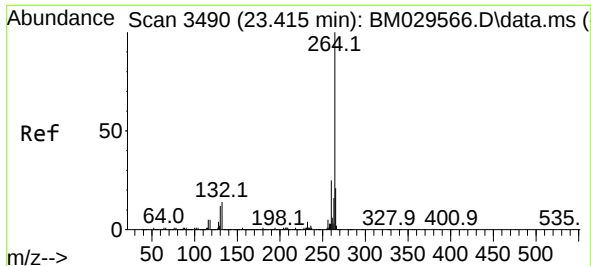
Tgt Ion:228 Resp: 1247208
Ion Ratio Lower Upper
228 100
226 30.6 22.3 33.5
229 21.1 15.7 23.5



#83
Chrysene
Concen: 31.35 ng
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:228 Resp: 1019485
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 22.5 15.5 23.3

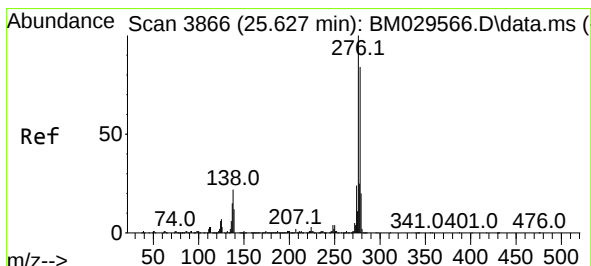
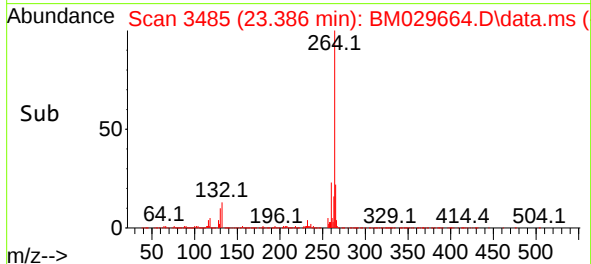
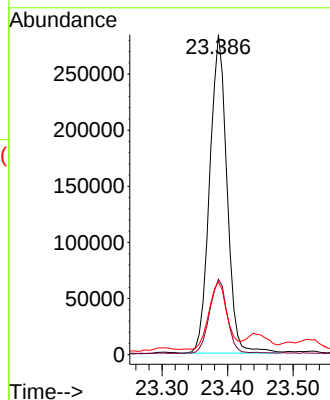
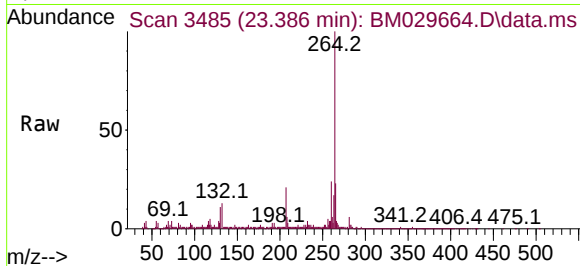




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

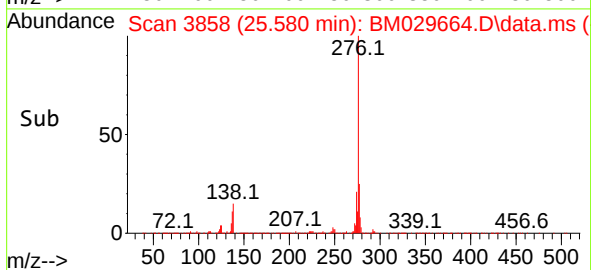
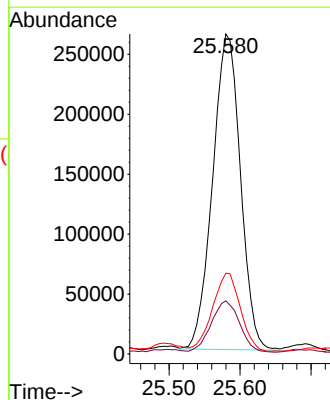
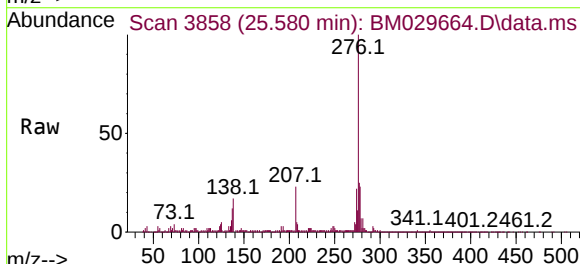
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

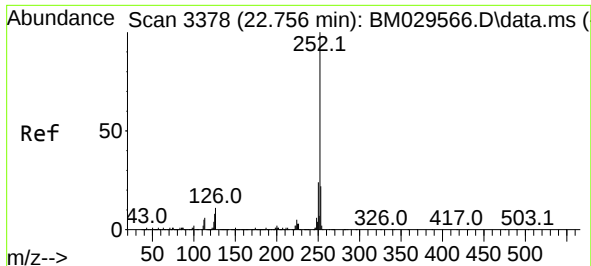
Tgt Ion:264 Resp: 520057
Ion Ratio Lower Upper
264 100
260 23.6 19.8 29.8
265 22.8 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 17.79 ng
RT: 25.580 min Scan# 3858
Delta R.T. 0.000 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:276 Resp: 715432
Ion Ratio Lower Upper
276 100
138 16.5 17.1 25.7#
277 24.6 20.3 30.5

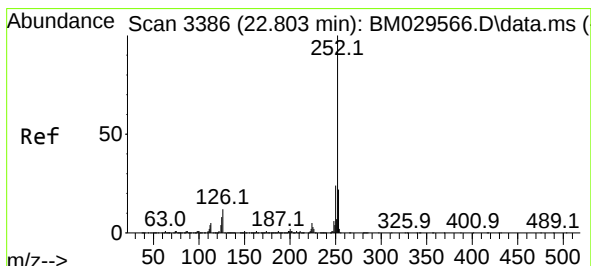
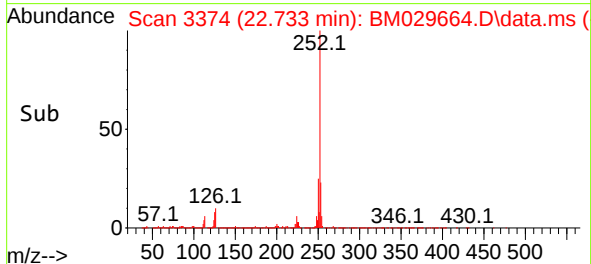
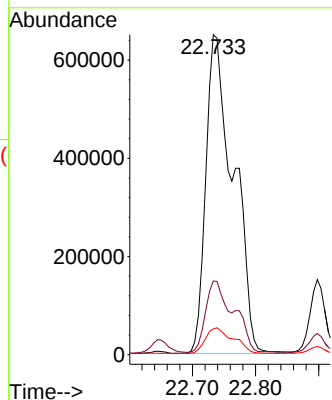
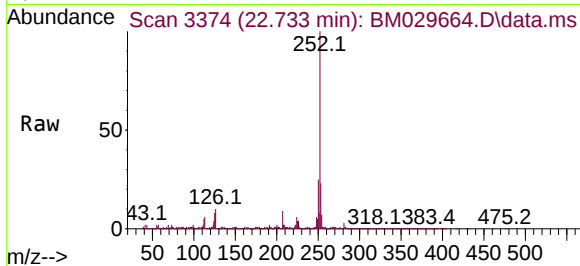




#88
Benzo(b)fluoranthene
Concen: 58.00 ng
RT: 22.733 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

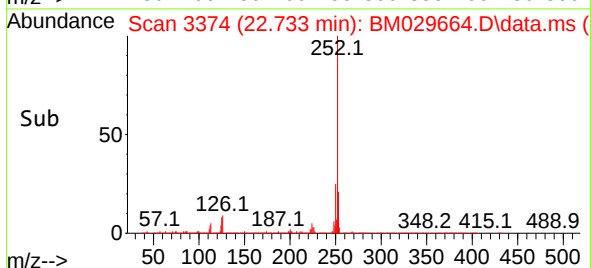
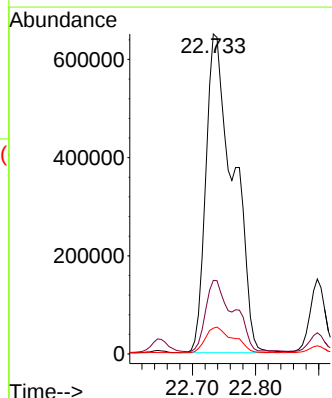
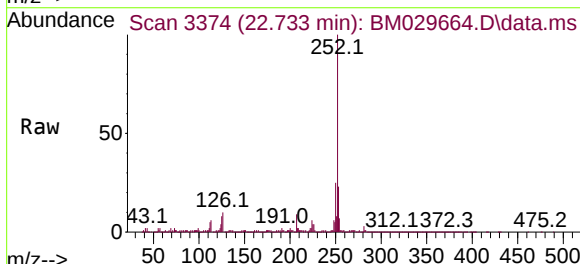
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

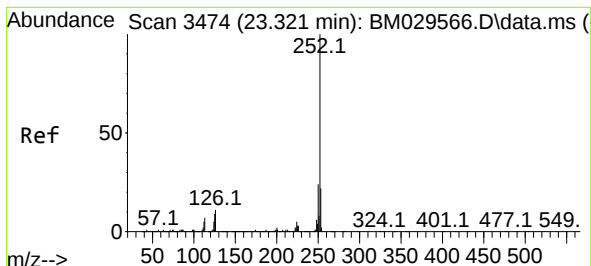
Tgt Ion:252 Resp: 1967025
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 8.1 6.8 10.2



#89
Benzo(k)fluoranthene
Concen: 57.87 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.041 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:252 Resp: 1967025
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 8.1 6.2 9.2

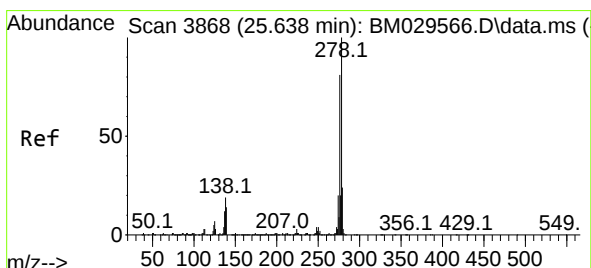
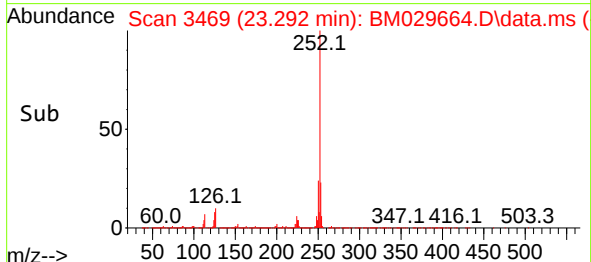
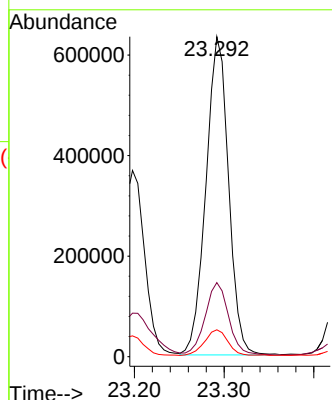
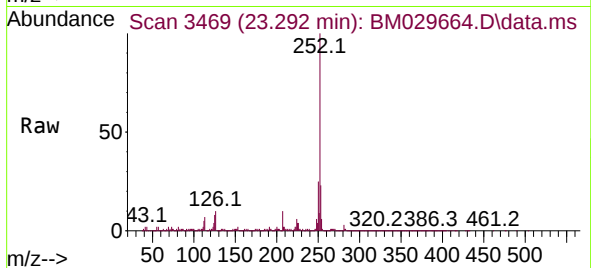




#90
Benzo(a)pyrene
Concen: 34.81 ng
RT: 23.292 min Scan# 3469
Delta R.T. 0.006 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

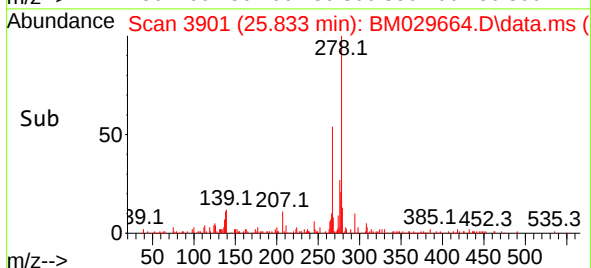
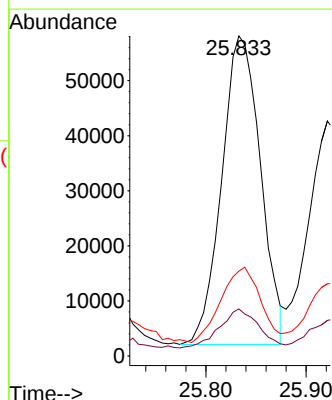
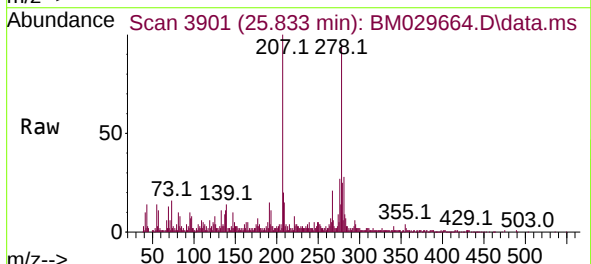
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

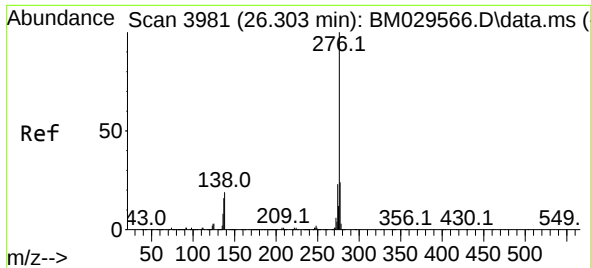
Tgt Ion:252 Resp: 1108347
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 8.4 7.3 10.9



#91
Dibenzo(a,h)anthracene
Concen: 4.34 ng
RT: 25.833 min Scan# 3901
Delta R.T. 0.242 min
Lab File: BM029664.D
Acq: 26 Apr 2021 23:51

Tgt Ion:278 Resp: 150536
Ion Ratio Lower Upper
278 100
139 14.7 11.0 16.4
279 26.5 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 21.40 ng
 RT: 26.256 min Scan# 3973
 Delta R.T. 0.006 min
 Lab File: BM029664.D
 Acq: 26 Apr 2021 23:51

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-1

Tgt Ion:276 Resp: 686196
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.4 29.2
 138 16.9 14.4 21.6

