

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029666.D
 Acq On : 27 Apr 2021 01:03
 Operator : CG/JU
 Sample : M2170-09 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-2

Quant Time: Apr 27 02:37:23 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)

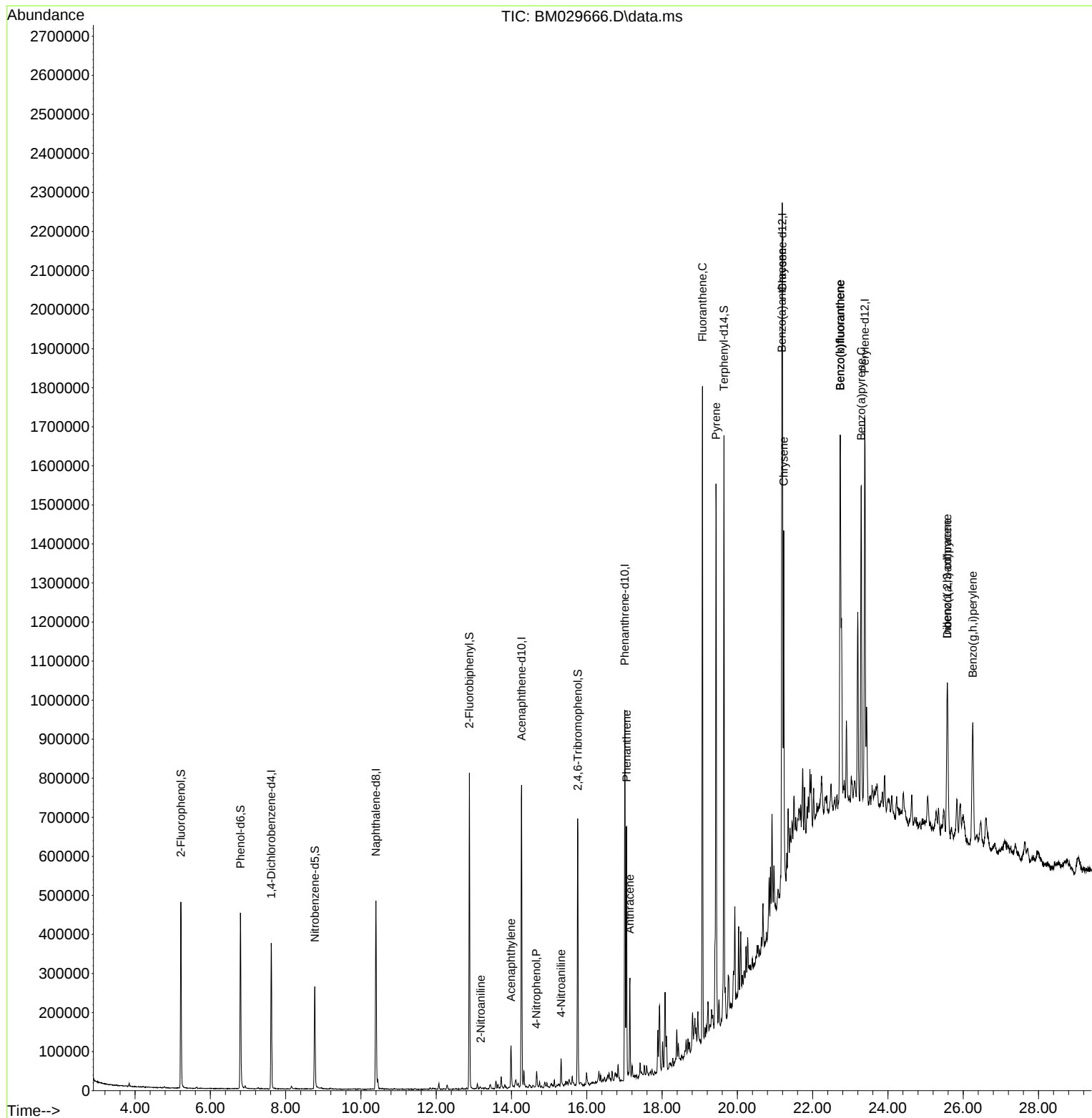
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	106275	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	385838	20.00	ng	0.00
39) Acenaphthene-d10	14.268	164	266178	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	582122	20.00	ng	0.00
76) Chrysene-d12	21.197	240	659823	20.00	ng	0.00
86) Perylene-d12	23.386	264	693288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	198393	37.43	ng	0.00
7) Phenol-d6	6.798	99	247888	31.31	ng	0.00
23) Nitrobenzene-d5	8.775	82	157655	21.04	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	122396	33.25	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	429671	21.91	ng	0.00
79) Terphenyl-d14	19.645	244	652277	18.74	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.180	65	53	2.87	ng	# 4
49) Acenaphthylene	13.986	152	93315	3.91	ng	98
56) 4-Nitrophenol	14.663	139	7020	2.14	ng	# 8
62) 4-Nitroaniline	15.321	138	377	3.54	ng	# 10
71) Phenanthrene	17.057	178	408259	12.18	ng	99
72) Anthracene	17.145	178	162131	4.90	ng	99
75) Fluoranthene	19.074	202	954447	23.48	ng	98
78) Pyrene	19.433	202	893652	21.05	ng	99
81) Benzo(a)anthracene	21.180	228	572440	13.11	ng	96
83) Chrysene	21.233	228	487384	11.36	ng	98
87) Indeno(1,2,3-cd)pyrene	25.579	276	364344	6.80	ng	# 95
88) Benzo(b)fluoranthene	22.733	252	982632	21.73	ng	97
89) Benzo(k)fluoranthene	22.733	252	982632	21.69	ng	97
90) Benzo(a)pyrene	23.291	252	539115	12.70	ng	98
91) Dibenzo(a,h)anthracene	25.579	278	94402	2.04	ng	# 86
92) Benzo(g,h,i)perylene	26.256	276	361960	8.47	ng	98

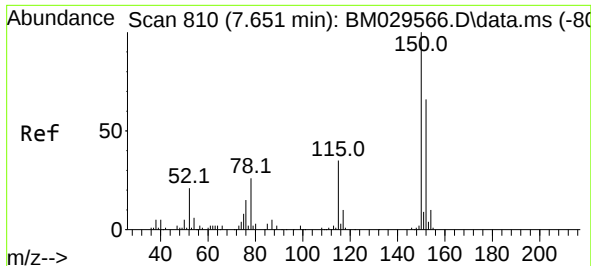
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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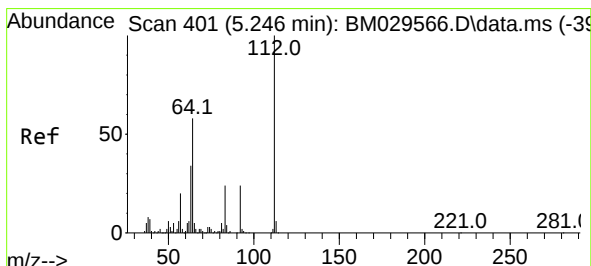
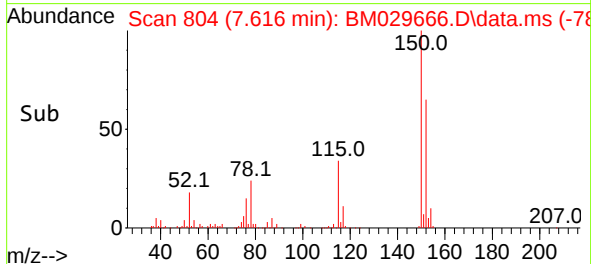
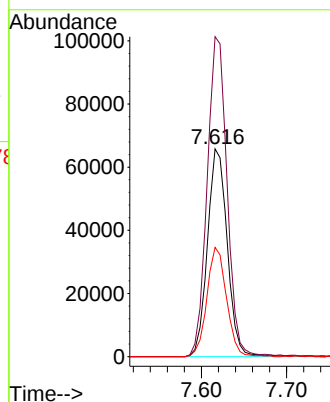
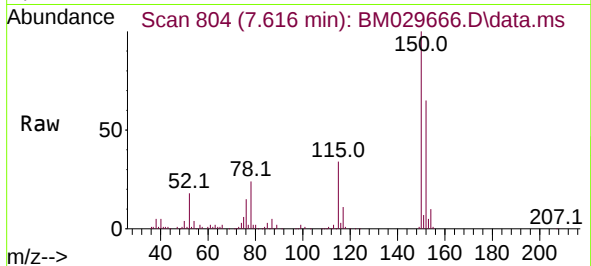




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

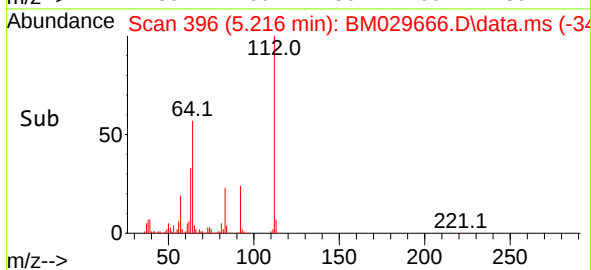
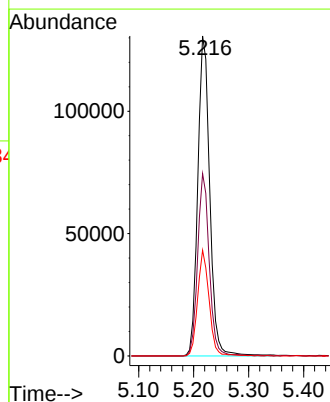
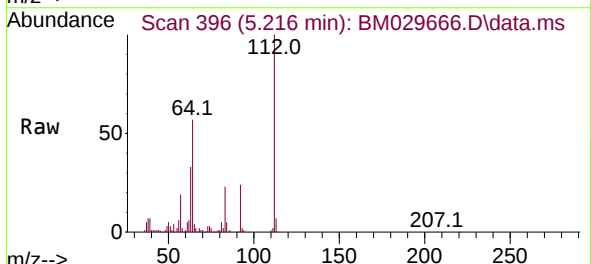
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BNA_M
ClientSampleId :
STOCKPILE-COMP-2

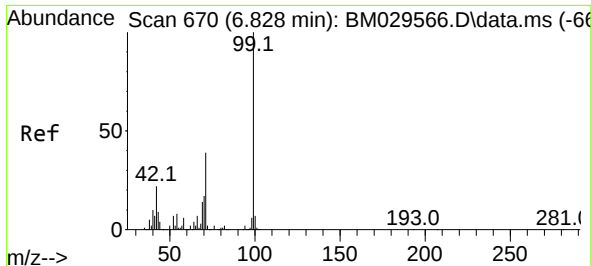
Tgt Ion:152 Resp: 106275
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 52.6 44.6 67.0



#5
2-Fluorophenol
Concen: 37.43 ng
RT: 5.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:112 Resp: 198393
Ion Ratio Lower Upper
112 100
64 57.0 47.1 70.7
63 33.0 27.3 40.9

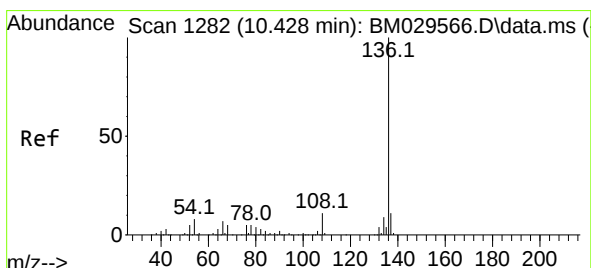
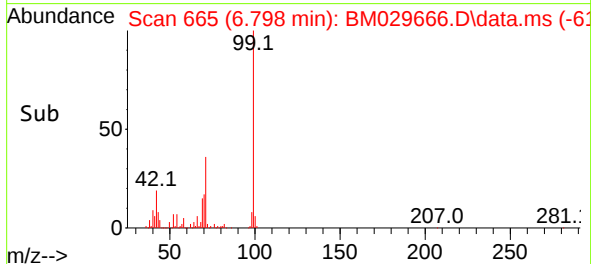
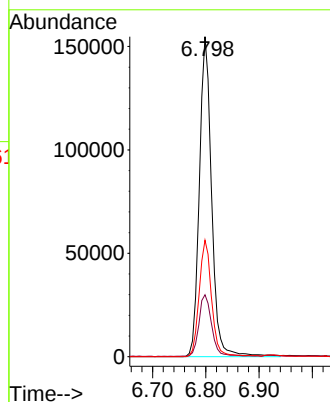
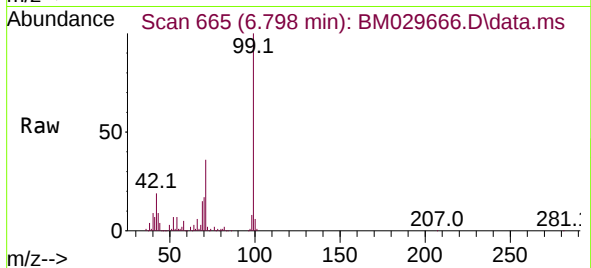




#7
Phenol-d6
Concen: 31.31 ng
RT: 6.798 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

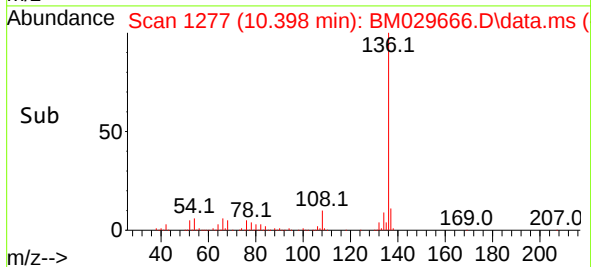
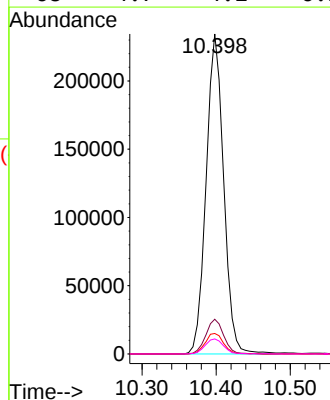
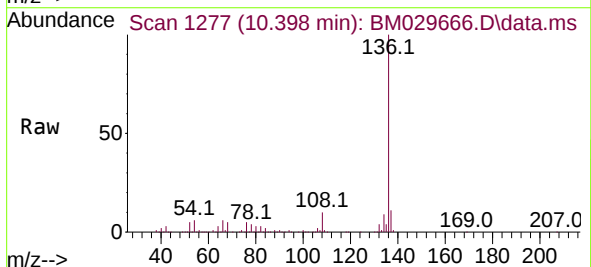
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

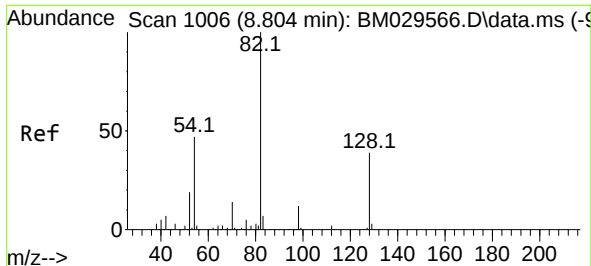
Tgt Ion:	99	Resp:	247888
Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.0	27.0
71	36.4	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:	136	Resp:	385838
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.4	5.5	8.3
68	4.7	4.2	6.2

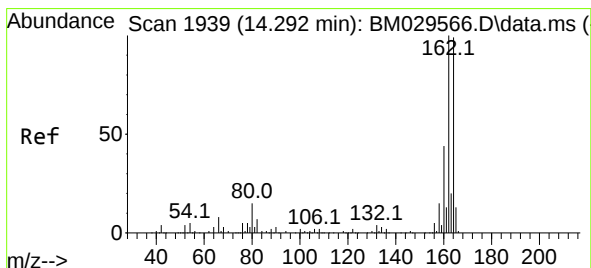
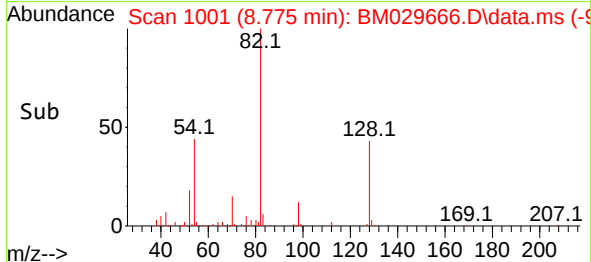
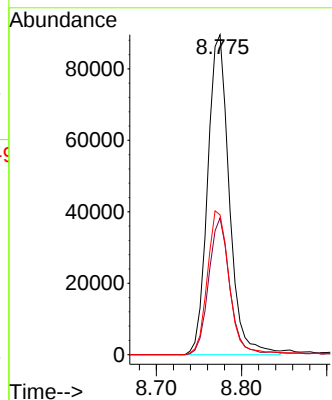
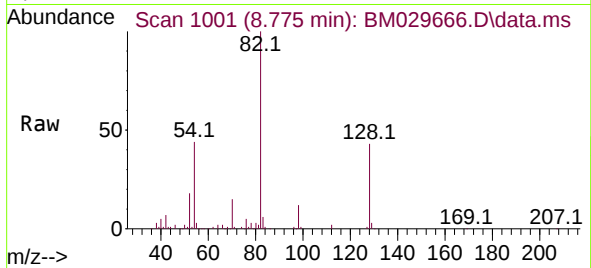




#23
Nitrobenzene-d5
Concen: 21.04 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

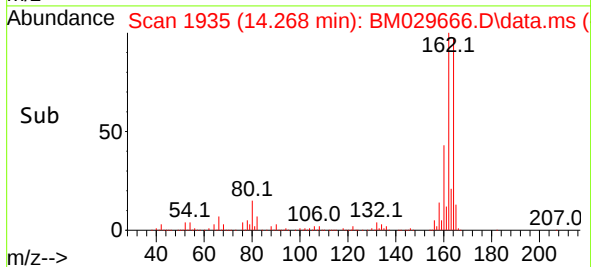
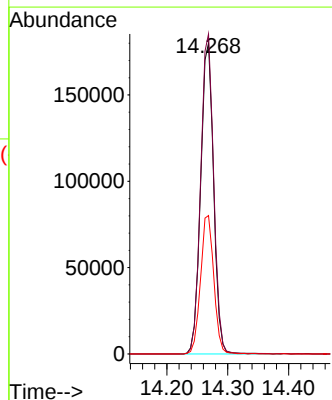
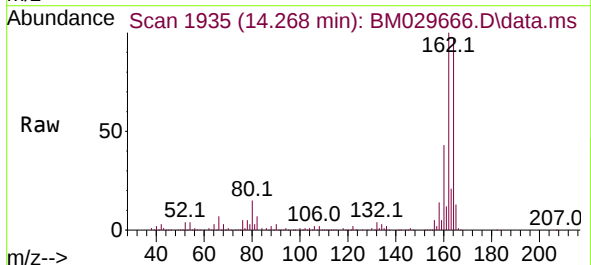
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

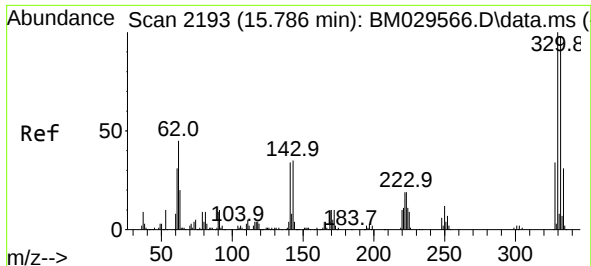
Tgt Ion: 82 Resp: 157655
Ion Ratio Lower Upper
82 100
128 42.7 31.1 46.7
54 43.7 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion: 164 Resp: 266178
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.0
160 44.5 37.2 55.8

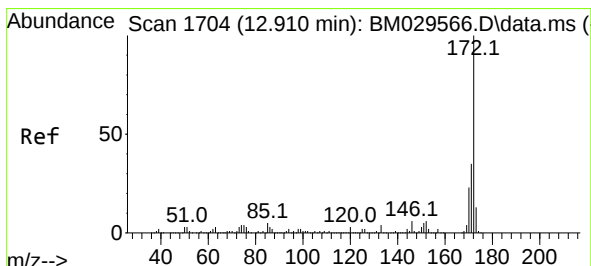
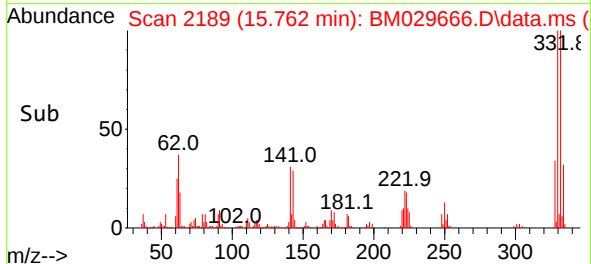
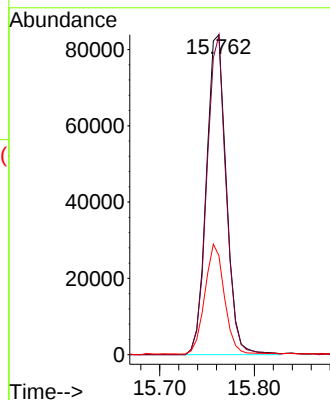
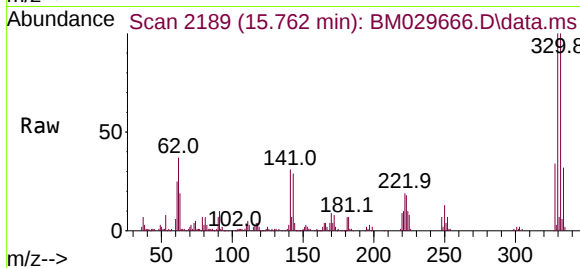




#42
2,4,6-Tribromophenol
Concen: 33.25 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

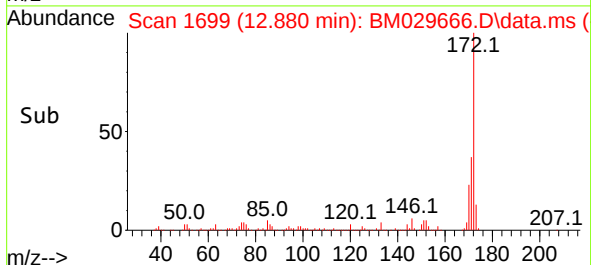
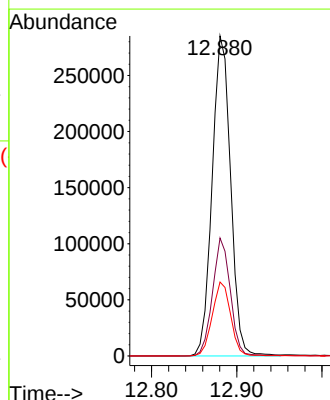
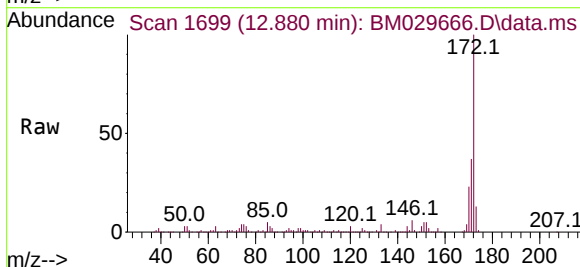
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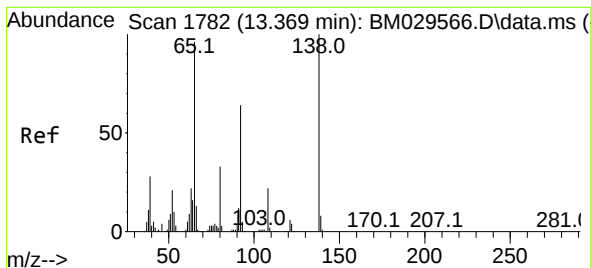
Tgt Ion:330 Resp: 122396
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.7 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 21.91 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:172 Resp: 429671
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.1 18.4 27.6

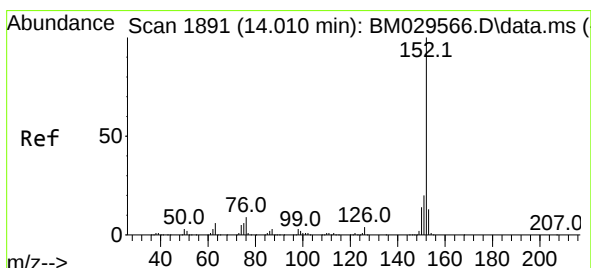
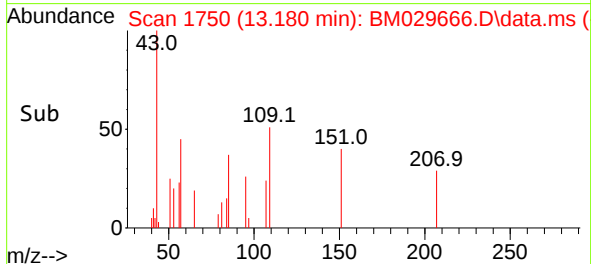
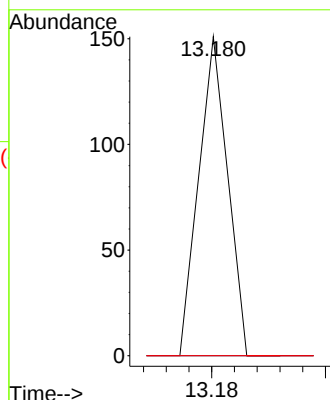
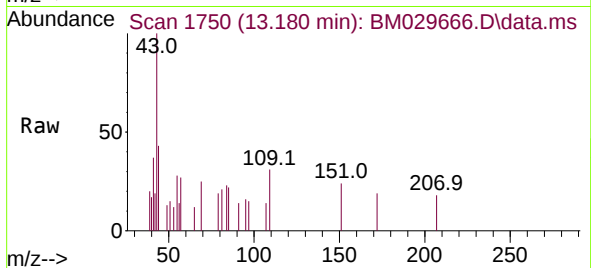




#48
2-Nitroaniline
Concen: 2.87 ng
RT: 13.180 min Scan# 1750
Delta R.T. -0.165 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

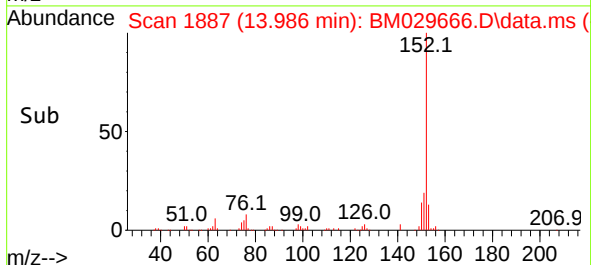
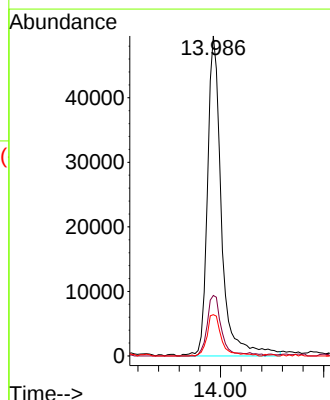
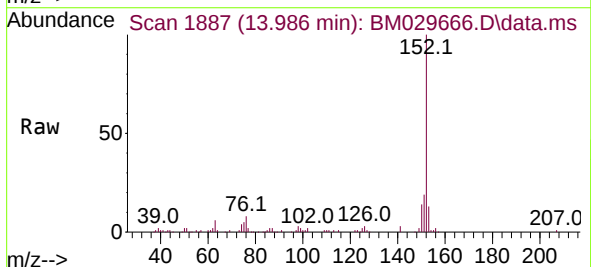
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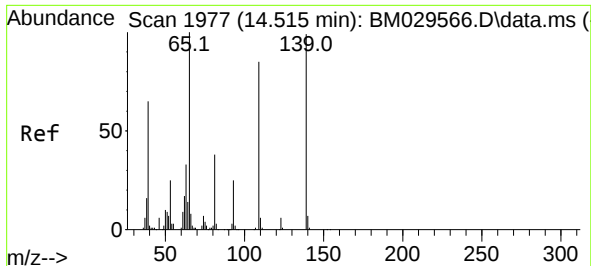
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#49
Acenaphthylene
Concen: 3.91 ng
RT: 13.986 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion: 152 Resp: 93315
Ion Ratio Lower Upper
152 100
151 18.9 16.3 24.5
153 12.9 10.2 15.4

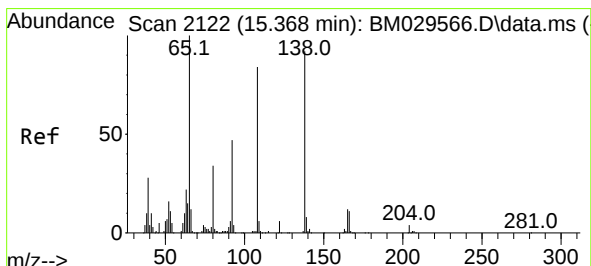
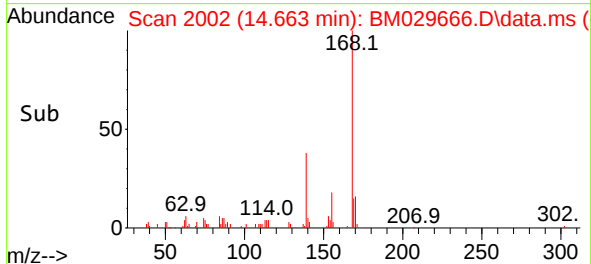
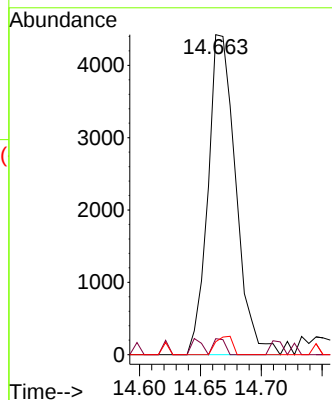
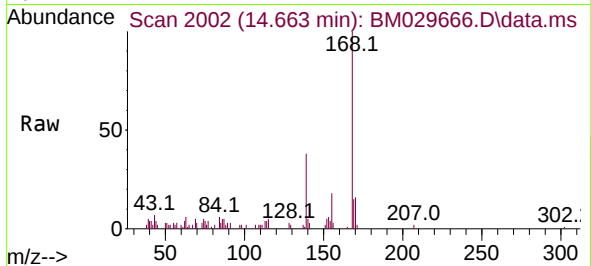




#56
4-Nitrophenol
Concen: 2.14 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.165 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

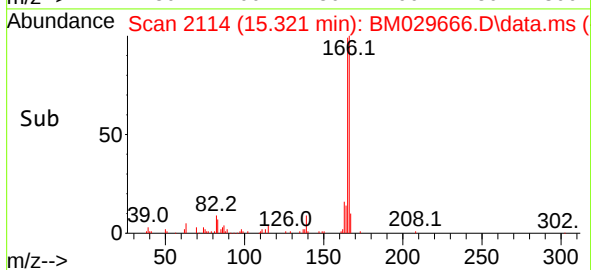
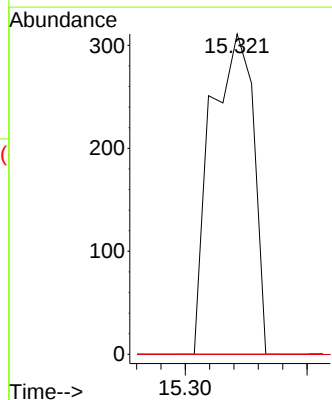
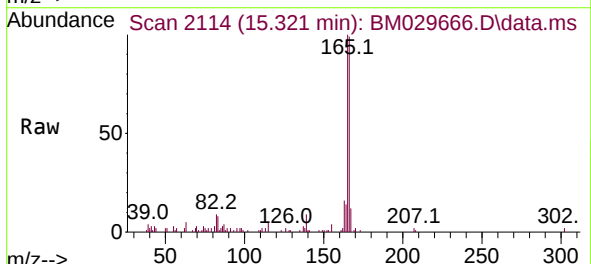
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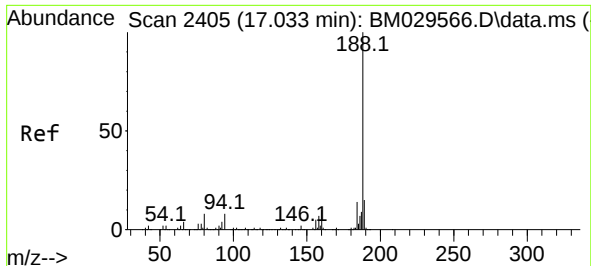
Tgt Ion:139 Resp: 7020
Ion Ratio Lower Upper
139 100
109 5.0 64.5 104.5#
65 4.0 78.9 118.9#



#62
4-Nitroaniline
Concen: 3.54 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.024 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:138 Resp: 377
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#

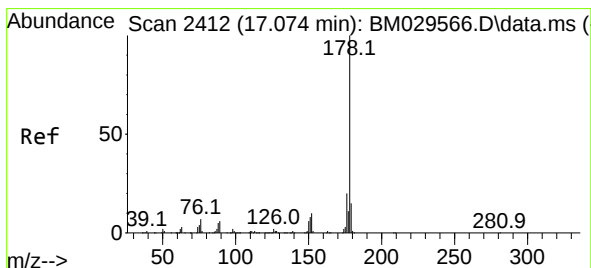
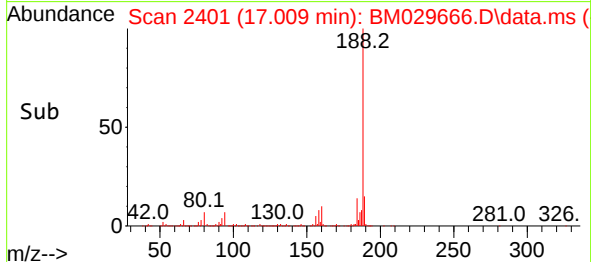
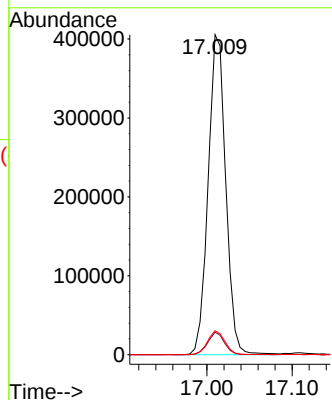
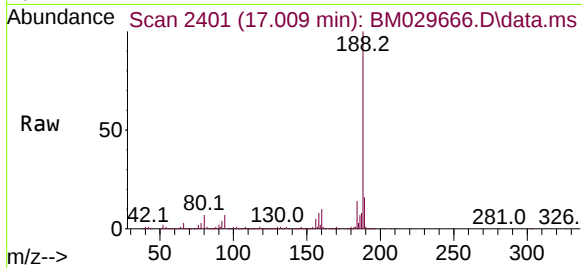




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

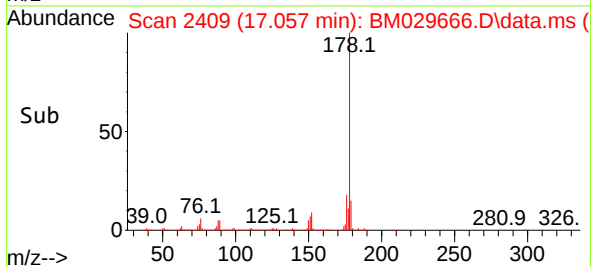
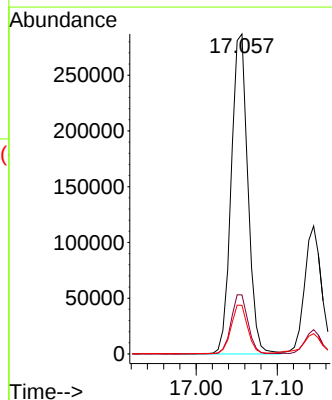
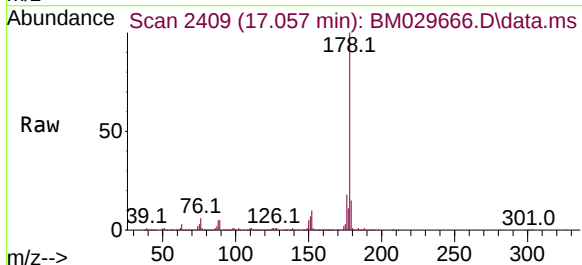
Instrument :
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STOCKPILE-COMP-2

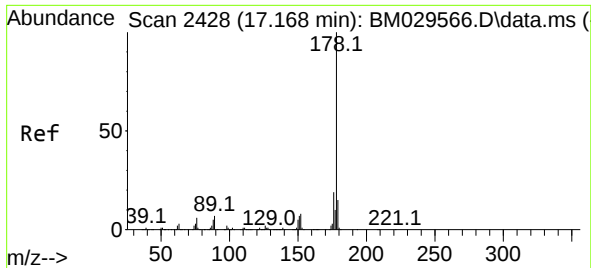
Tgt Ion:188 Resp: 582122
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 7.5 6.6 9.8



#71
Phenanthrene
Concen: 12.18 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:178 Resp: 408259
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.2 12.2 18.4

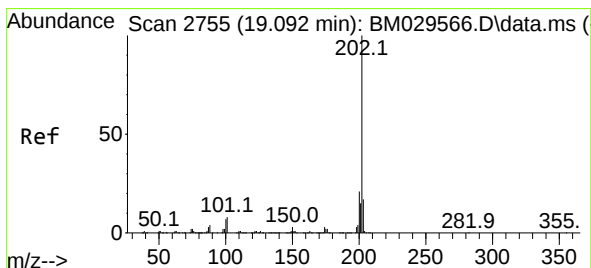
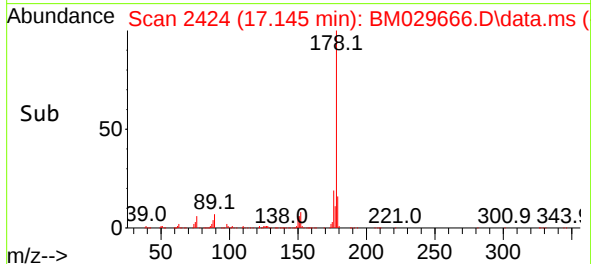
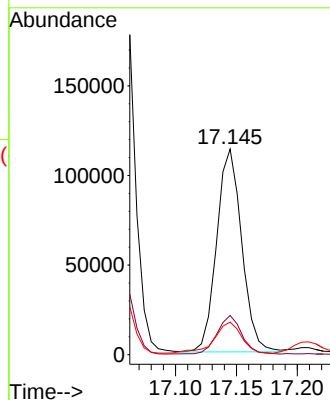
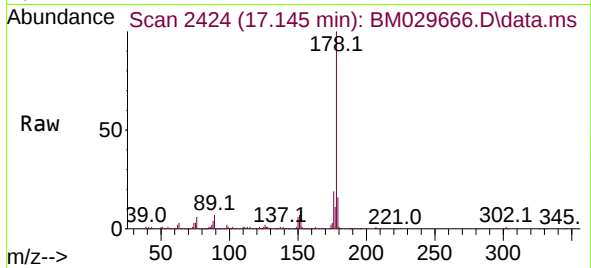




#72
 Anthracene
 Concen: 4.90 ng
 RT: 17.145 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BM029666.D
 Acq: 27 Apr 2021 01:03

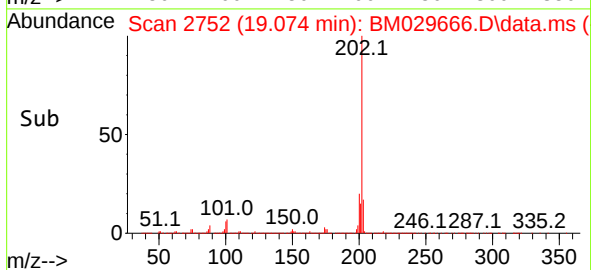
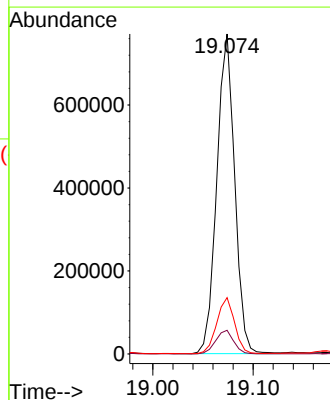
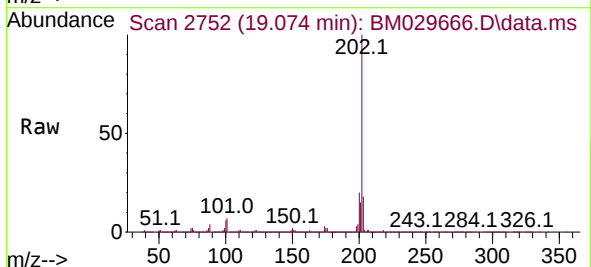
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-2

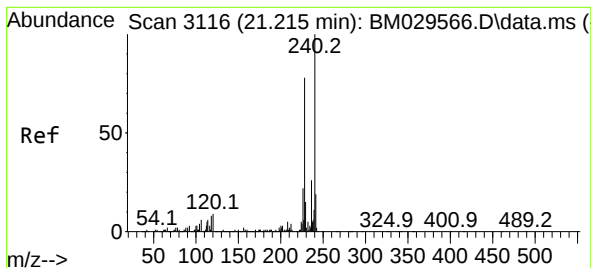
Tgt Ion:178 Resp: 162131
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.4
 179 15.8 12.5 18.7



#75
 Fluoranthene
 Concen: 23.48 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BM029666.D
 Acq: 27 Apr 2021 01:03

Tgt Ion:202 Resp: 954447
 Ion Ratio Lower Upper
 202 100
 101 7.4 0.0 28.6
 203 17.6 0.0 37.3

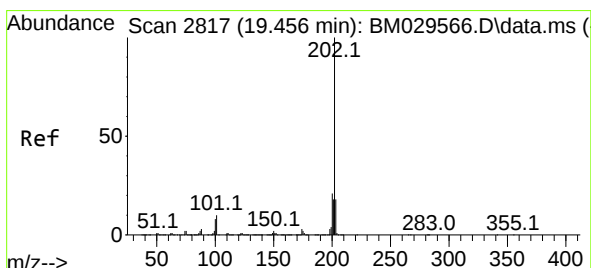
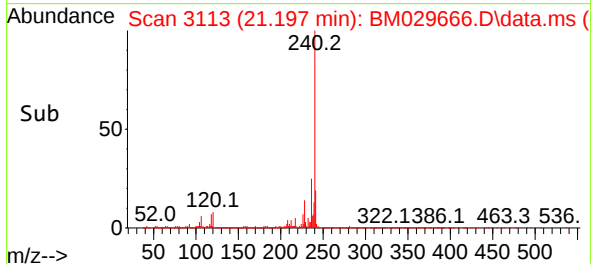
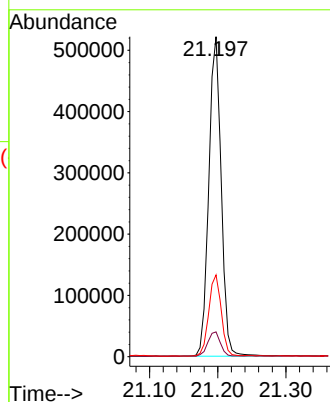
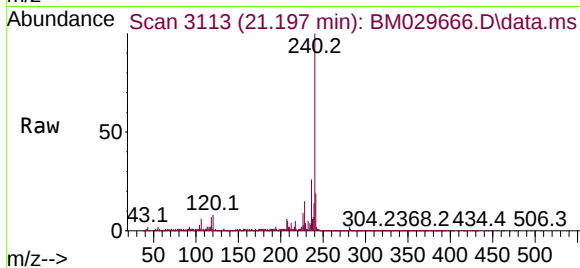




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

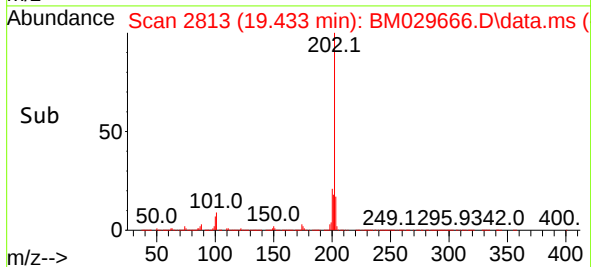
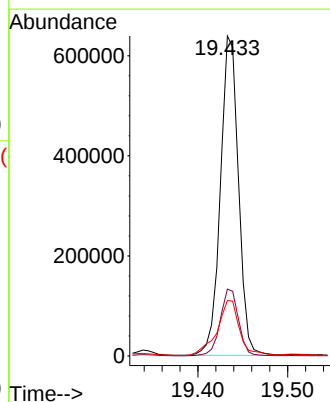
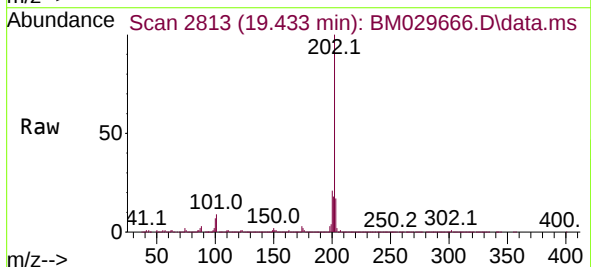
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

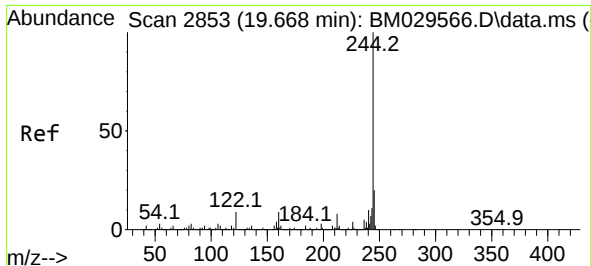
Tgt Ion:240 Resp: 659823
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.6 21.0 31.4



#78
Pyrene
Concen: 21.05 ng
RT: 19.433 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:202 Resp: 893652
Ion Ratio Lower Upper
202 100
200 20.9 17.3 25.9
203 17.3 13.9 20.9

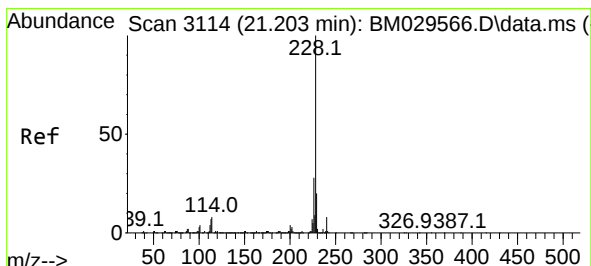
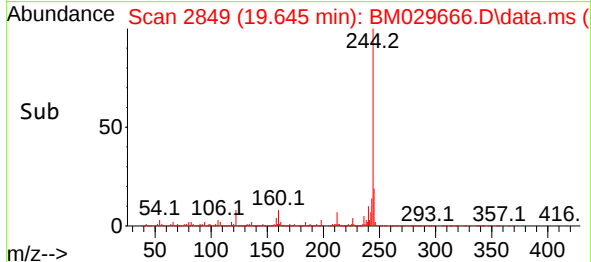
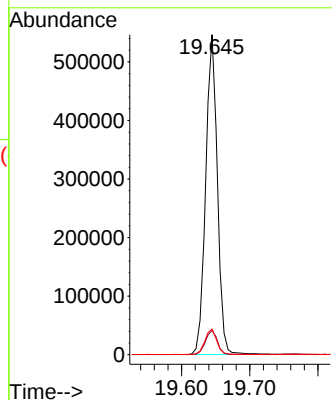
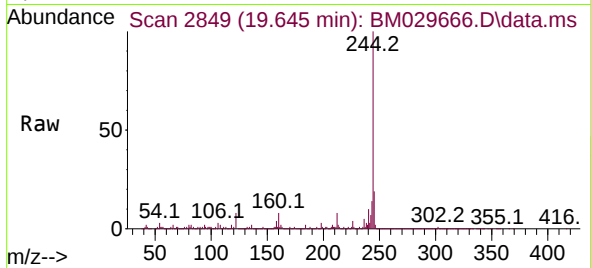




#79
 Terphenyl-d14
 Concen: 18.74 ng
 RT: 19.645 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BM029666.D
 Acq: 27 Apr 2021 01:03

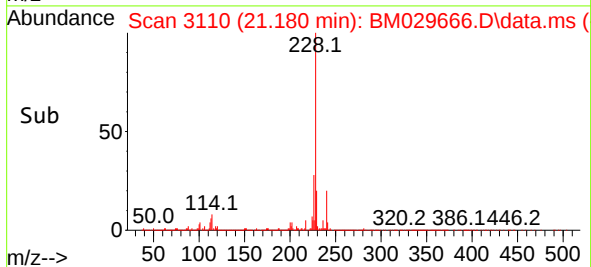
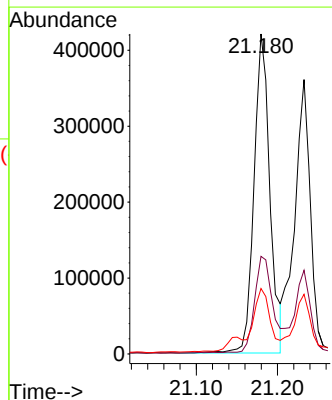
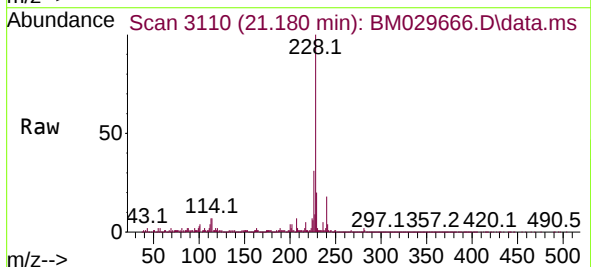
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-2

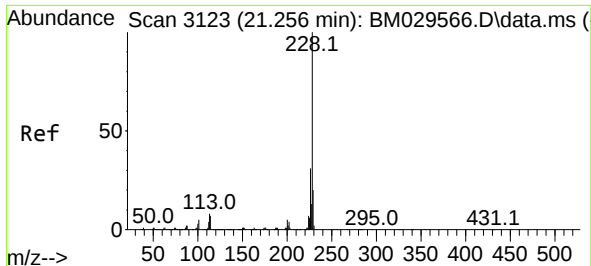
Tgt Ion:244 Resp: 652277
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.0 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 13.11 ng
 RT: 21.180 min Scan# 3110
 Delta R.T. -0.000 min
 Lab File: BM029666.D
 Acq: 27 Apr 2021 01:03

Tgt Ion:228 Resp: 572440
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.3 33.5
 229 20.5 15.7 23.5

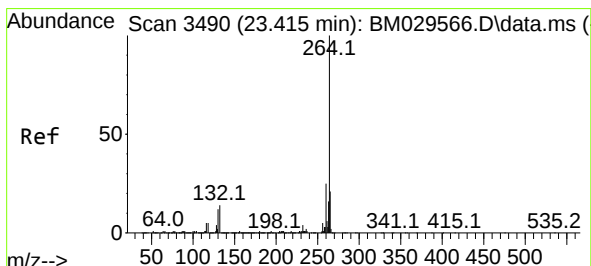
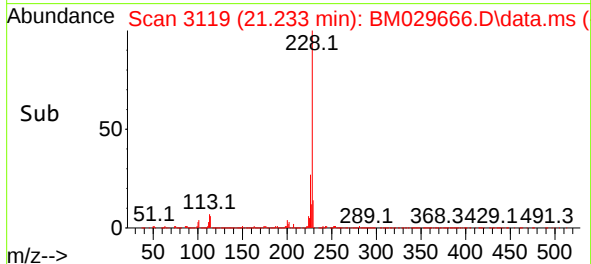
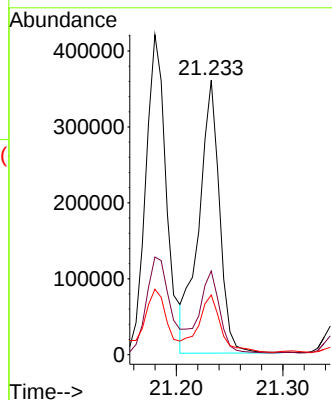
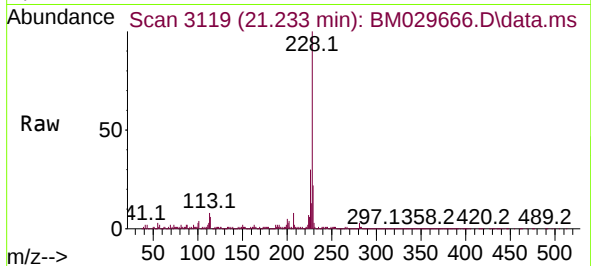




#83
Chrysene
Concen: 11.36 ng
RT: 21.233 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

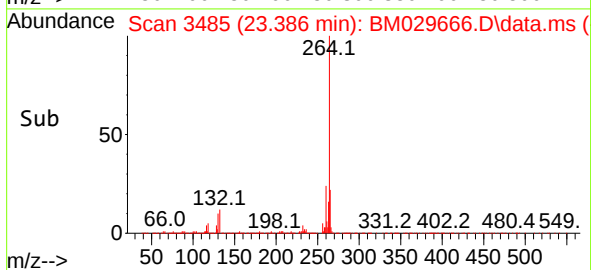
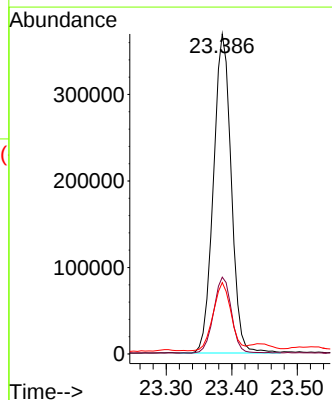
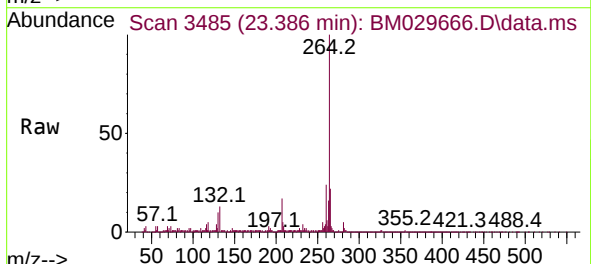
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

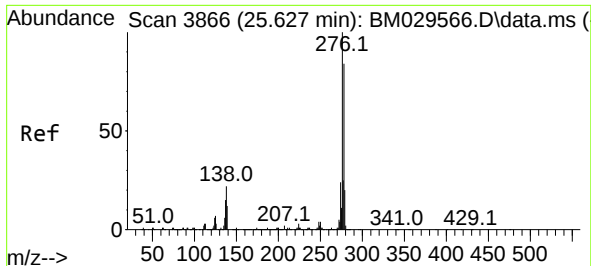
Tgt Ion:	228	Resp:	487384
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.6	36.8
229	21.8	15.5	23.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:	264	Resp:	693288
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.8	29.8
265	22.3	17.7	26.5

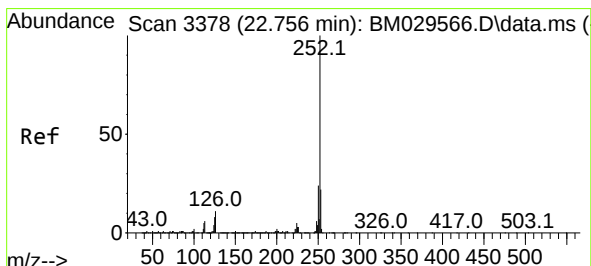
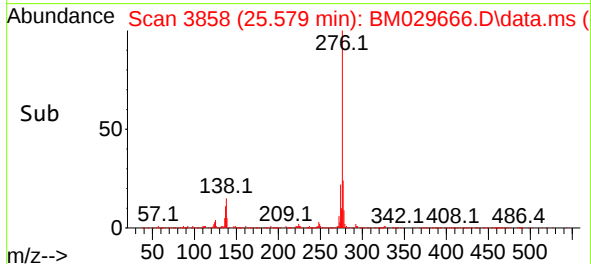
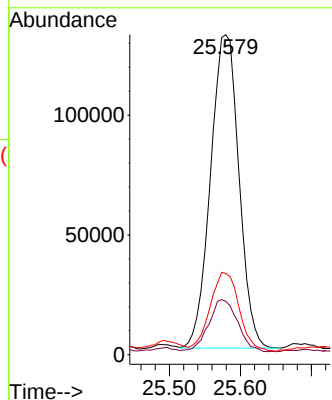
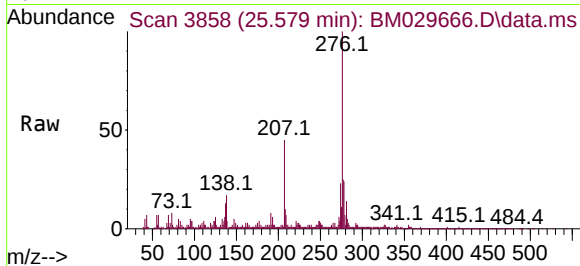




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.80 ng
RT: 25.579 min Scan# 3858
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

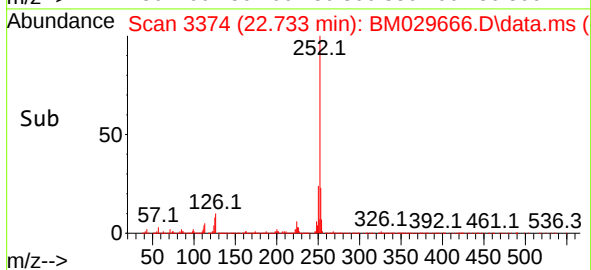
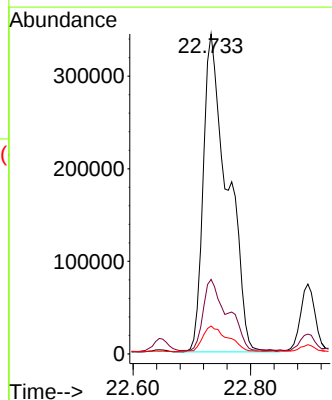
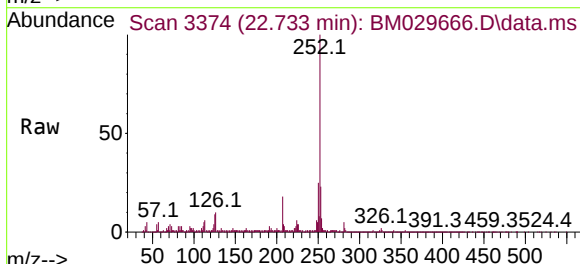
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

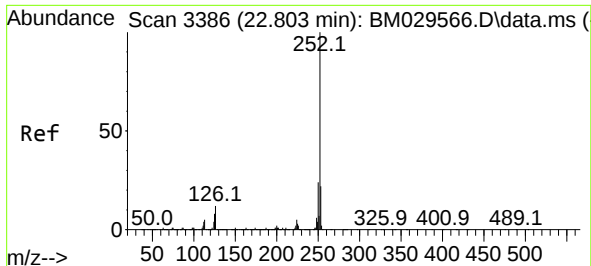
Tgt Ion:276 Resp: 364344
Ion Ratio Lower Upper
276 100
138 16.9 17.1 25.7#
277 25.8 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 21.73 ng
RT: 22.733 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:252 Resp: 982632
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 8.7 6.8 10.2

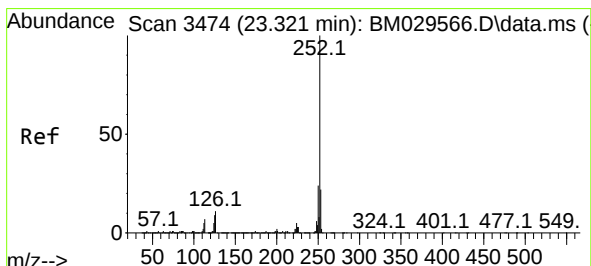
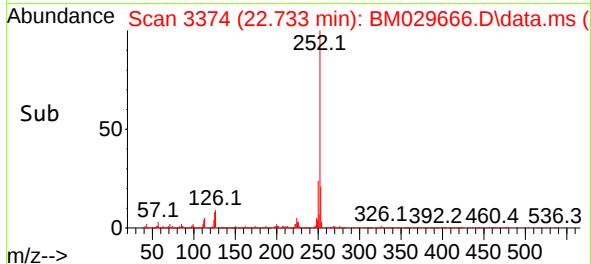
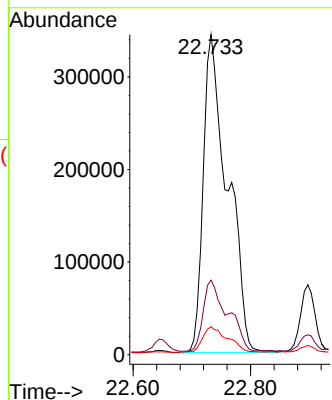
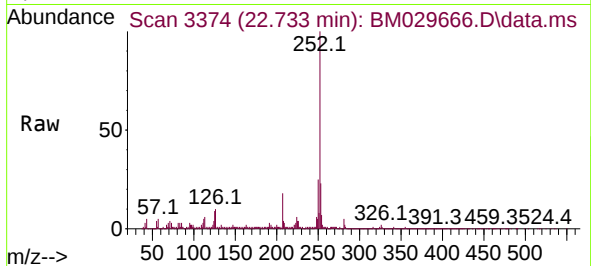




#89
Benzo(k)fluoranthene
Concen: 21.69 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.041 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

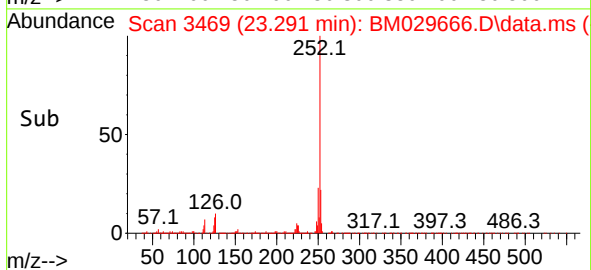
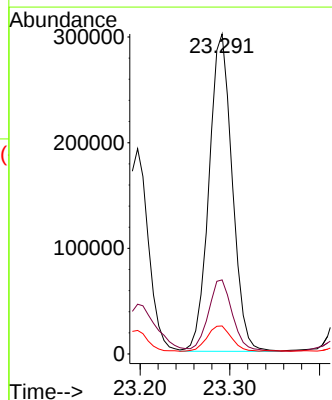
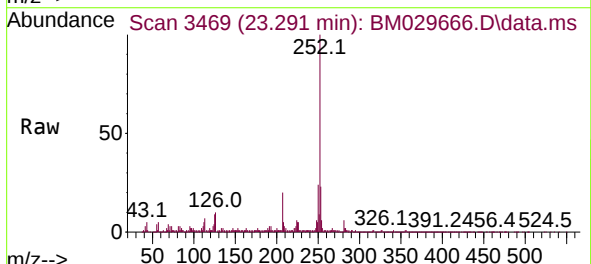
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

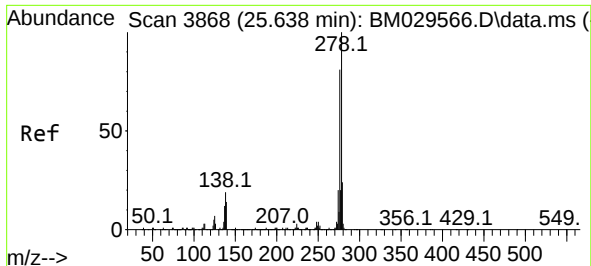
Tgt Ion:252 Resp: 982632
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 8.7 6.2 9.2



#90
Benzo(a)pyrene
Concen: 12.70 ng
RT: 23.291 min Scan# 3469
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:252 Resp: 539115
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 8.8 7.3 10.9

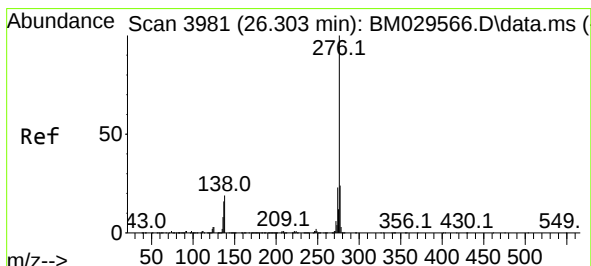
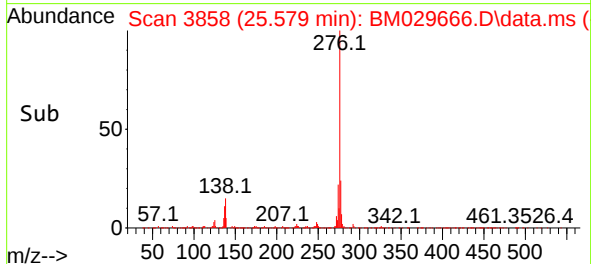
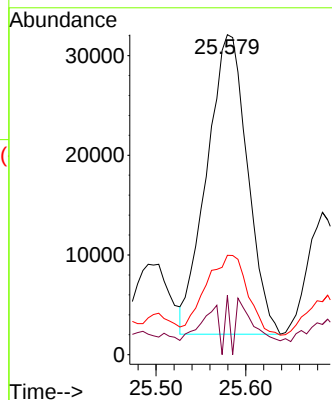
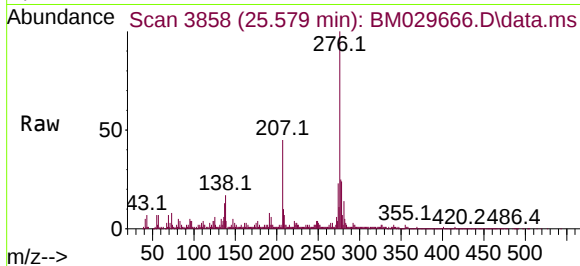




#91
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 25.579 min Scan# 3858
Delta R.T. -0.012 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

Tgt Ion:278 Resp: 94402
Ion Ratio Lower Upper
278 100
139 18.5 11.0 16.4#
279 31.0 18.7 28.1#



#92
Benzo(g,h,i)perylene
Concen: 8.47 ng
RT: 26.256 min Scan# 3973
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:276 Resp: 361960
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 16.6 14.4 21.6

