

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029667.D
 Acq On : 27 Apr 2021 01:40
 Operator : CG/JU
 Sample : M2170-14 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-3

Quant Time: Apr 27 02:37:38 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)

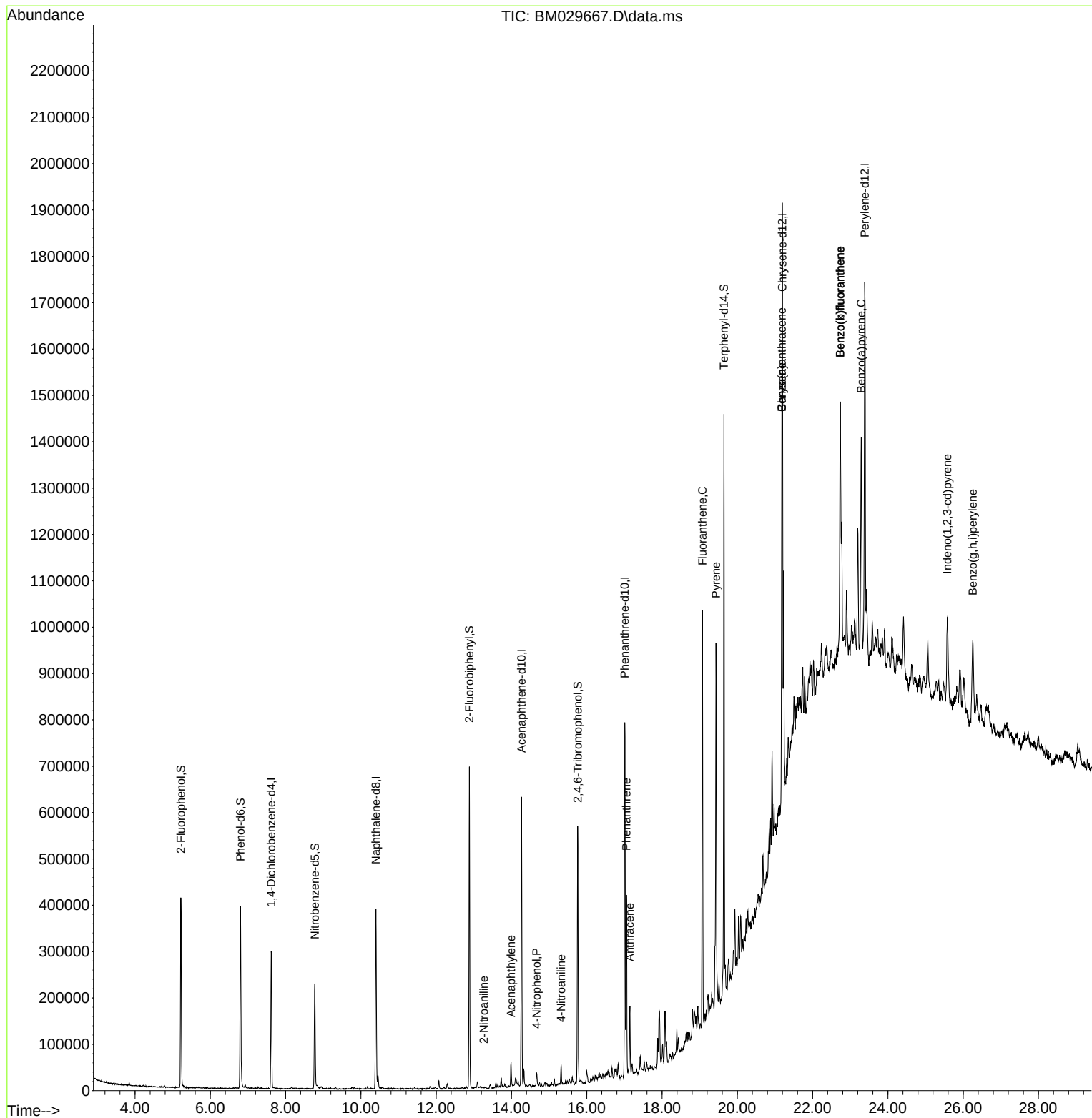
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	86090	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	317813	20.00	ng	0.00
39) Acenaphthene-d10	14.269	164	212882	20.00	ng	0.00
64) Phenanthrene-d10	17.010	188	468435	20.00	ng	0.00
76) Chrysene-d12	21.198	240	518366	20.00	ng	0.00
86) Perylene-d12	23.386	264	547477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	170344	39.67	ng	0.00
7) Phenol-d6	6.798	99	213455	33.28	ng	0.00
23) Nitrobenzene-d5	8.775	82	138135	22.39	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	100260	34.06	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	371979	23.72	ng	0.00
79) Terphenyl-d14	19.645	244	553410	20.24	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.269	65	59	2.88	ng	# 4
49) Acenaphthylene	13.986	152	43080	2.26	ng	97
56) 4-Nitrophenol	14.669	139	5470	2.09	ng	# 10
62) 4-Nitroaniline	15.321	138	121	3.49	ng	# 10
71) Phenanthrene	17.051	178	239912	8.89	ng	100
72) Anthracene	17.145	178	92193	3.46	ng	97
75) Fluoranthene	19.074	202	533230	16.30	ng	99
78) Pyrene	19.433	202	481685	14.44	ng	99
81) Benzo(a)anthracene	21.180	228	313347	9.14	ng	96
83) Chrysene	21.180	228	313347	9.30	ng	98
87) Indeno(1,2,3-cd)pyrene	25.580	276	186508	4.41	ng	# 95
88) Benzo(b)fluoranthene	22.733	252	525739	14.73	ng	93
89) Benzo(k)fluoranthene	22.733	252	525739	14.69	ng	# 93
90) Benzo(a)pyrene	23.291	252	279051	8.32	ng	# 94
92) Benzo(g,h,i)perylene	26.256	276	190675	5.65	ng	97

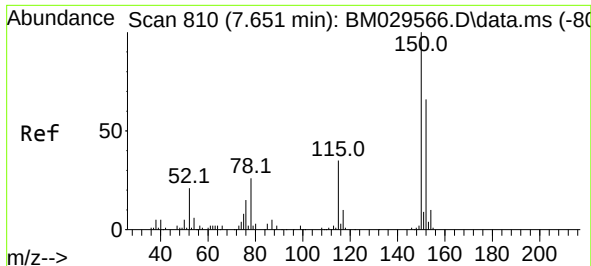
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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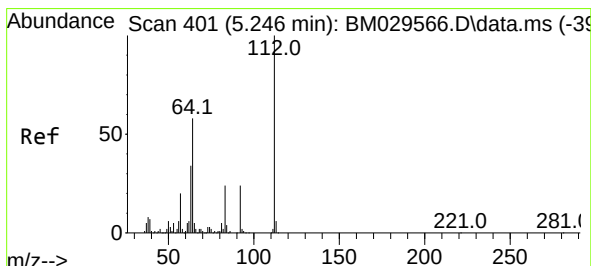
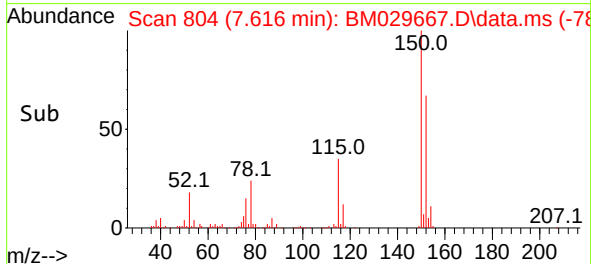
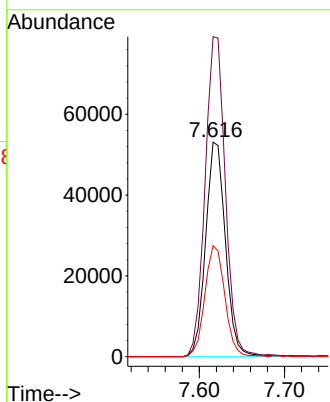
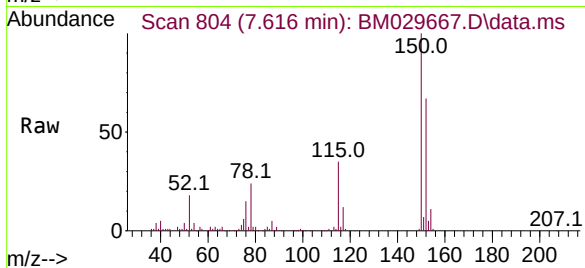




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

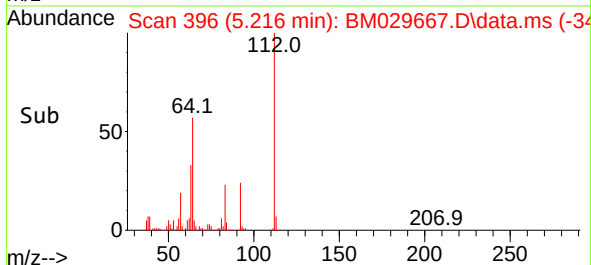
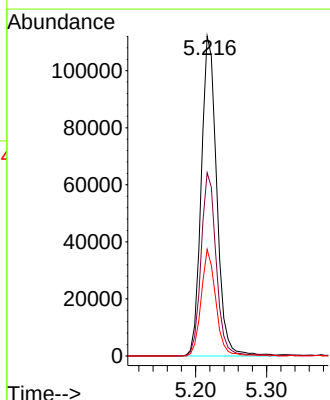
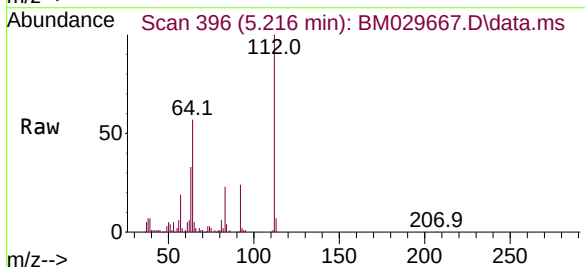
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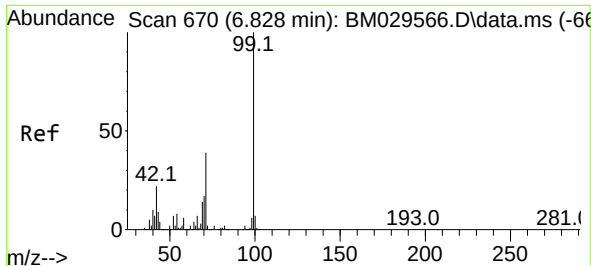
Tgt Ion:152 Resp: 86090
Ion Ratio Lower Upper
152 100
150 149.1 125.9 188.9
115 51.7 44.6 67.0



#5
2-Fluorophenol
Concen: 39.67 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:112 Resp: 170344
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 33.3 27.3 40.9

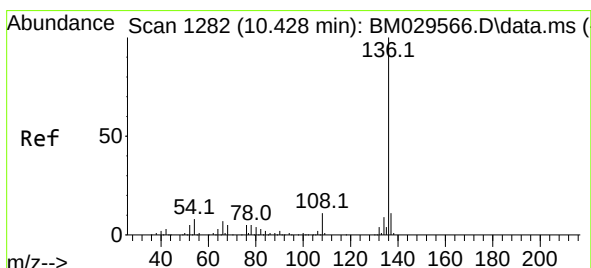
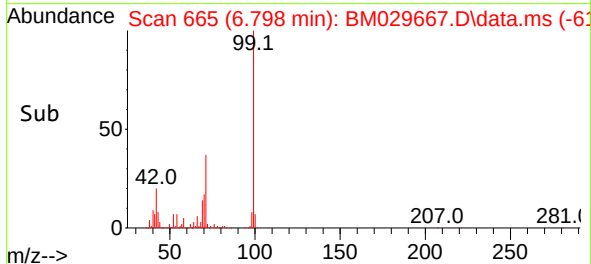
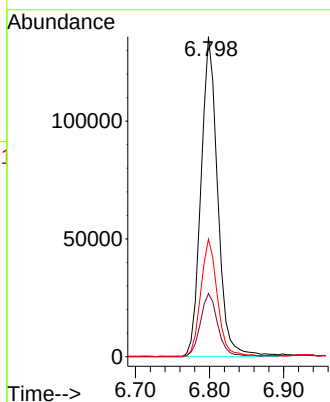
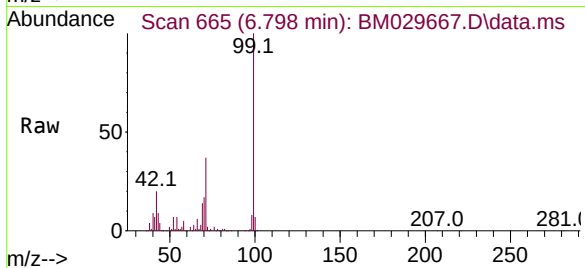




#7
Phenol-d6
Concen: 33.28 ng
RT: 6.798 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

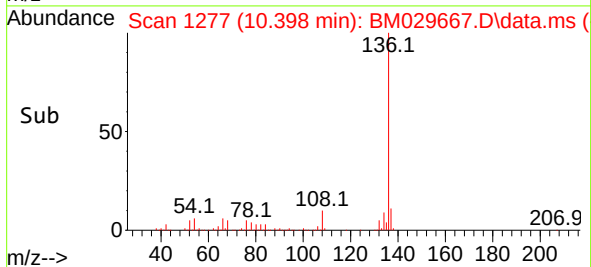
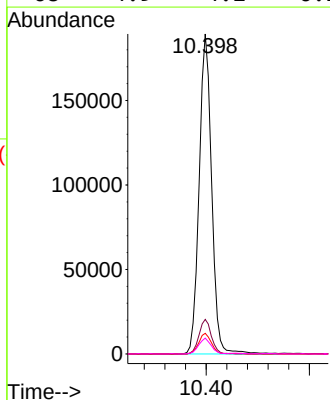
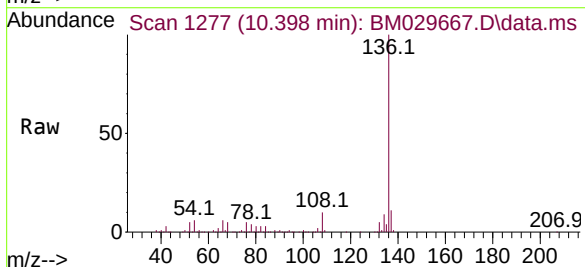
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ClientSampleId :
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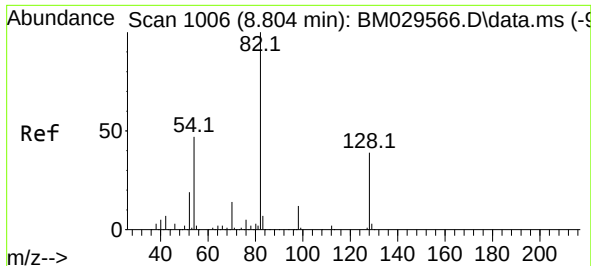
Tgt Ion:	99	Resp:	213455
Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.0	27.0
71	36.7	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:	136	Resp:	317813
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.5	5.5	8.3
68	4.9	4.2	6.2

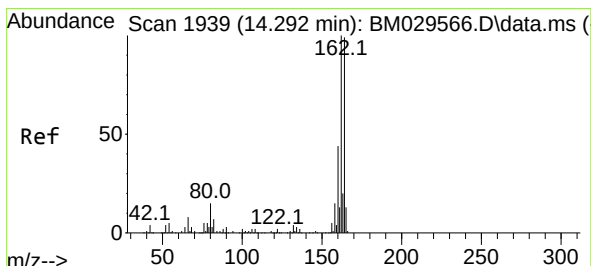
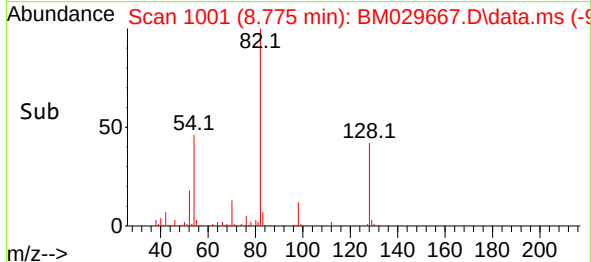
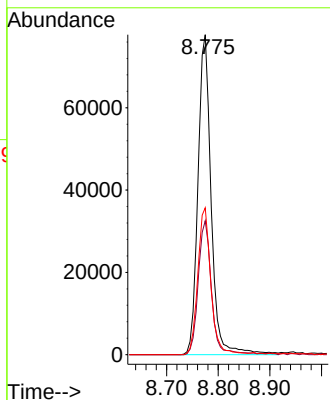
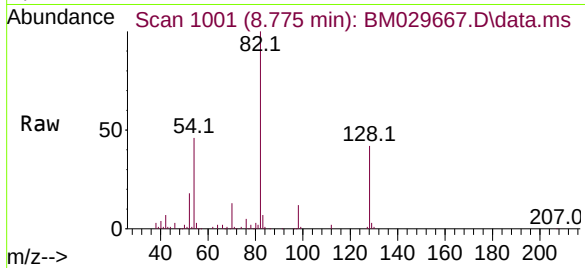




#23
Nitrobenzene-d5
Concen: 22.39 ng
RT: 8.775 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

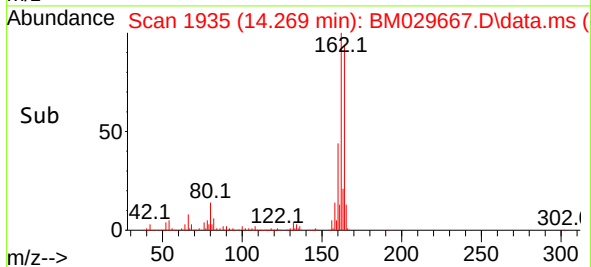
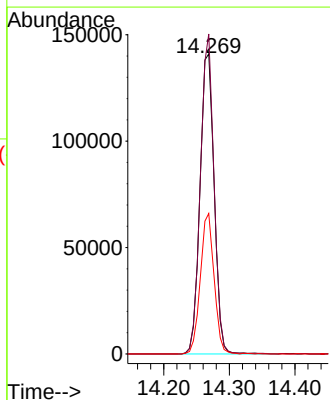
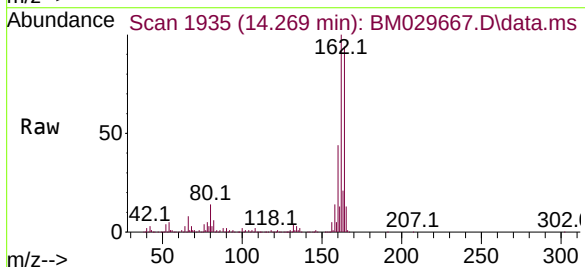
Instrument :
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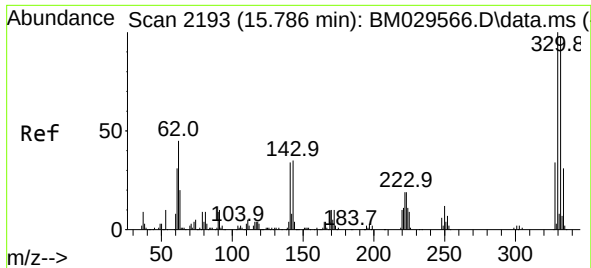
Tgt Ion: 82 Resp: 138135
Ion Ratio Lower Upper
82 100
128 41.8 31.1 46.7
54 45.9 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:164 Resp: 212882
Ion Ratio Lower Upper
164 100
162 106.6 83.4 125.0
160 46.8 37.2 55.8

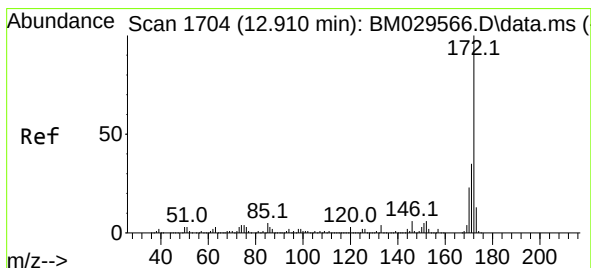
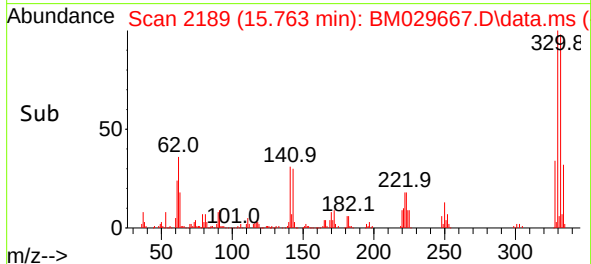
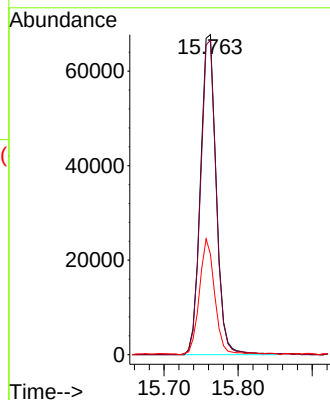
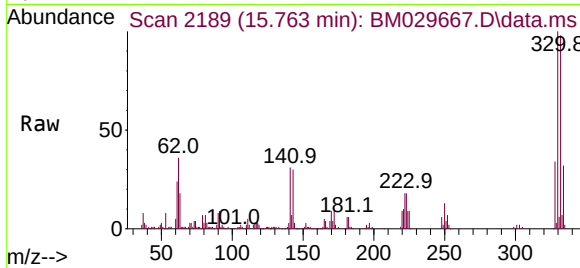




#42
2,4,6-Tribromophenol
Concen: 34.06 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

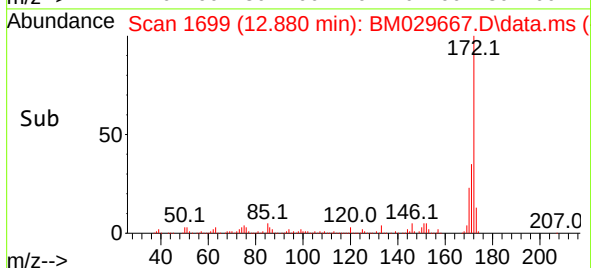
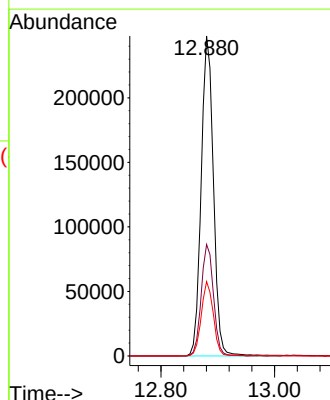
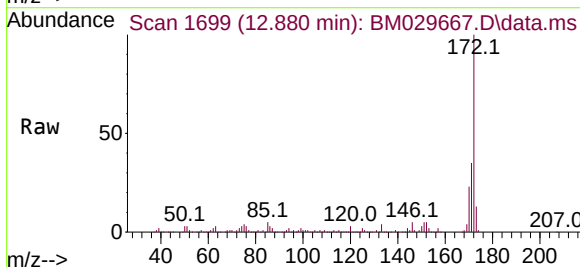
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ClientSampleId :
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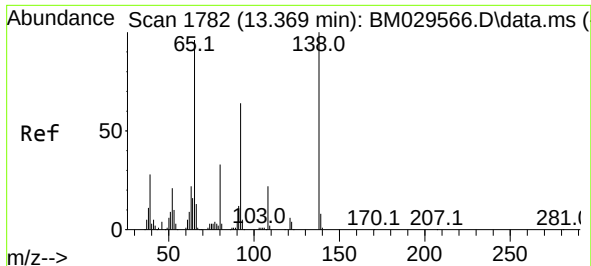
Tgt Ion:330 Resp: 100260
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 35.4 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 23.72 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:172 Resp: 371979
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 18.4 27.6

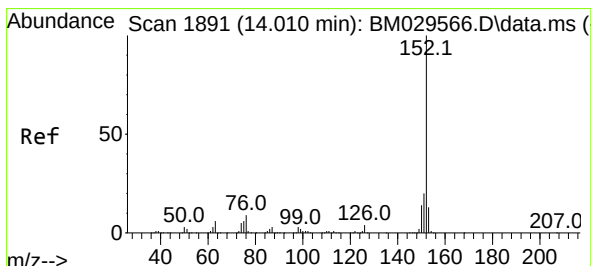
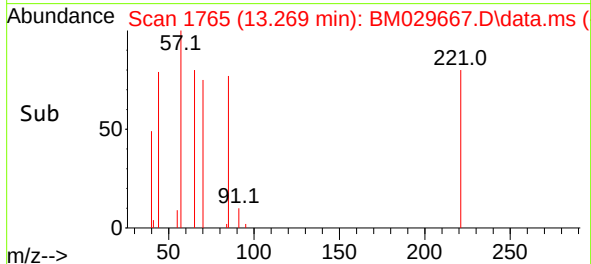
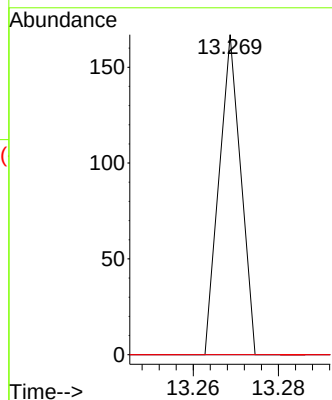
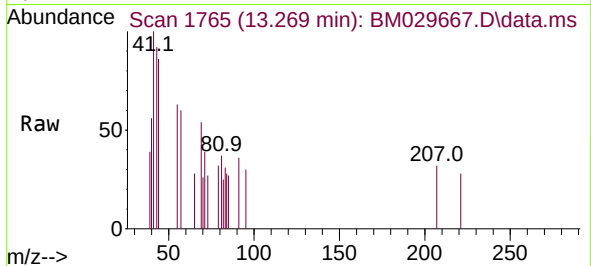




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.269 min Scan# 1765
Delta R.T. -0.076 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

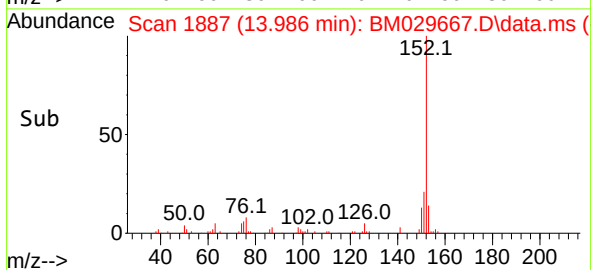
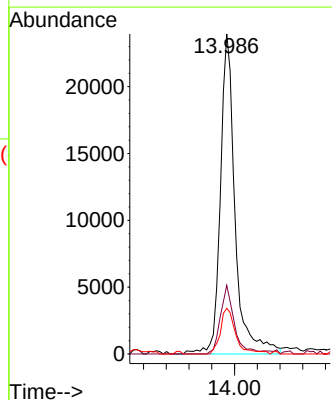
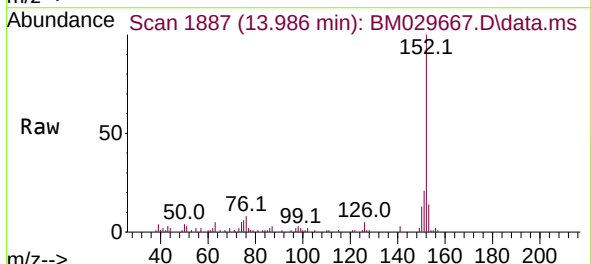
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ClientSampleId :
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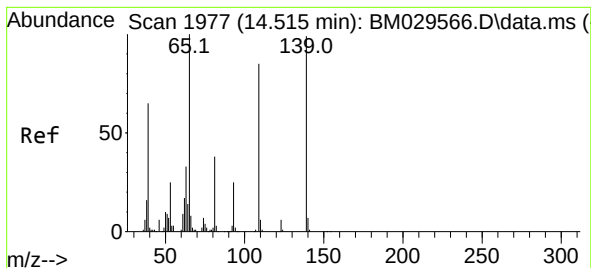
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#49
Acenaphthylene
Concen: 2.26 ng
RT: 13.986 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion: 152 Resp: 43080
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 14.3 10.2 15.4

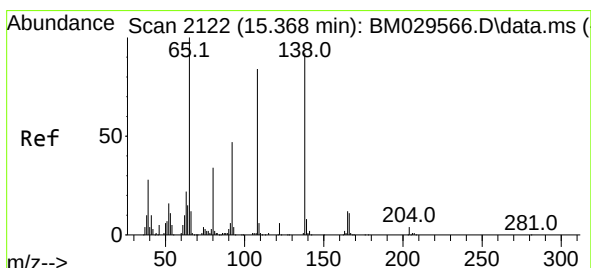
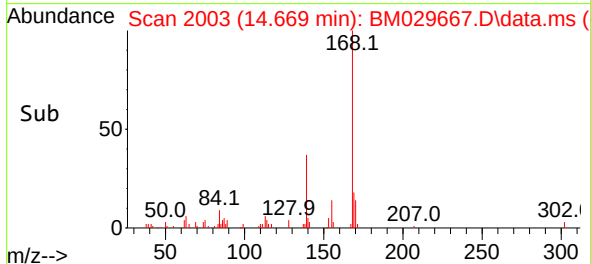
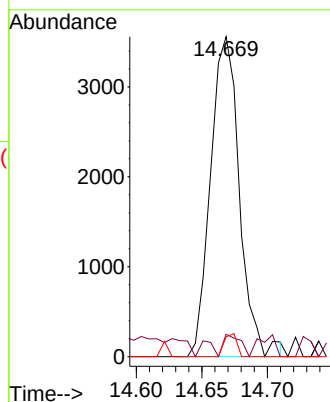
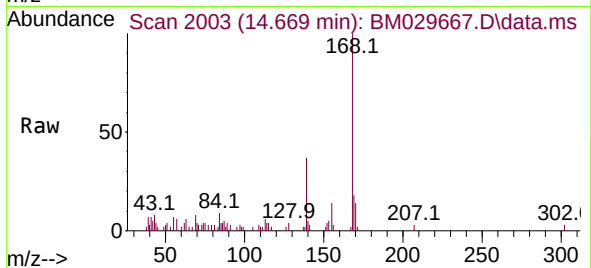




#56
4-Nitrophenol
Concen: 2.09 ng
RT: 14.669 min Scan# 2003
Delta R.T. 0.171 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

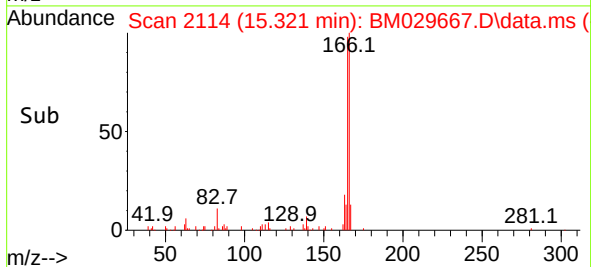
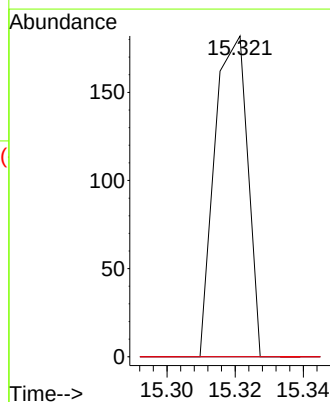
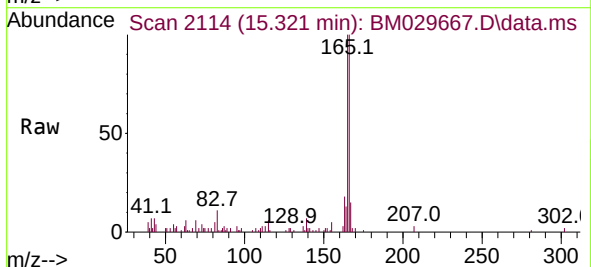
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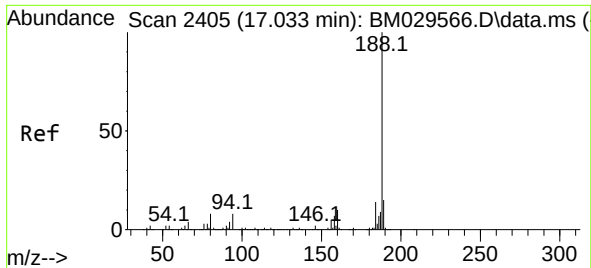
Tgt Ion:139 Resp: 5470
Ion Ratio Lower Upper
139 100
109 7.0 64.5 104.5#
65 6.2 78.9 118.9#



#62
4-Nitroaniline
Concen: 3.49 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.023 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:138 Resp: 121
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#

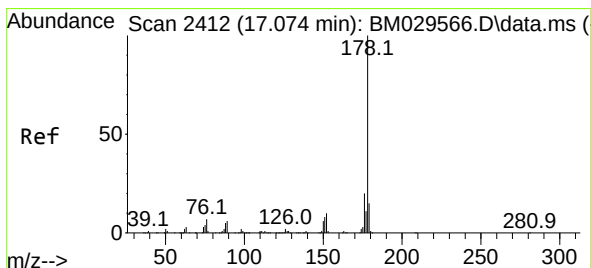
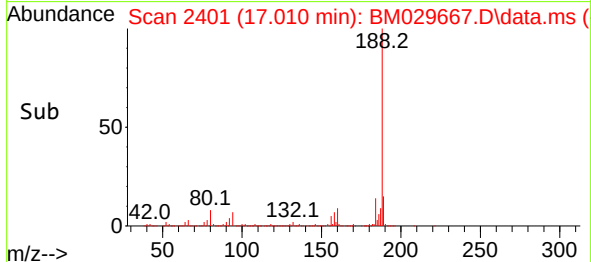
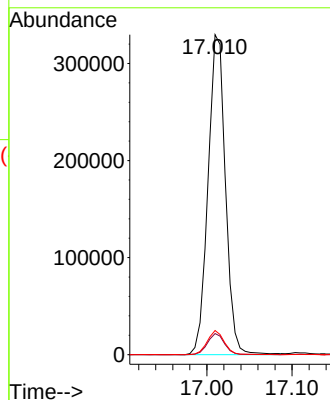
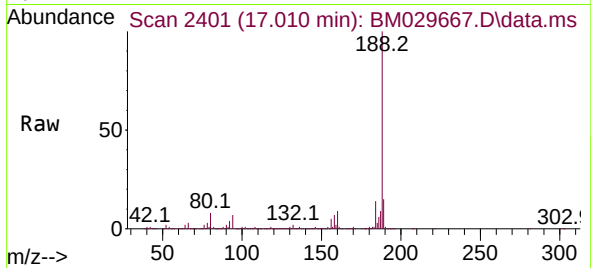




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

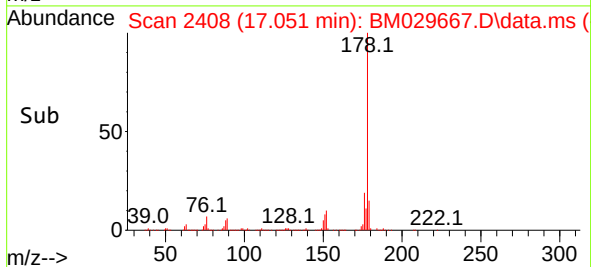
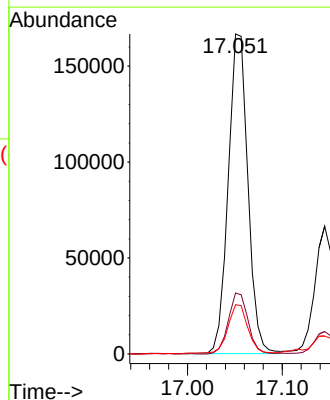
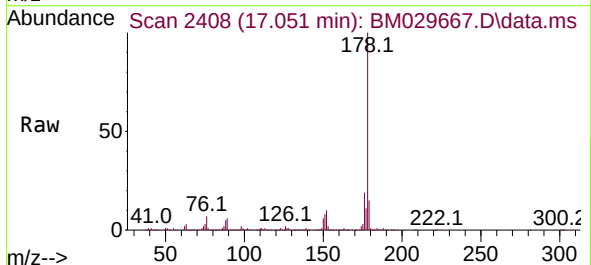
Instrument :
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ClientSampleId :
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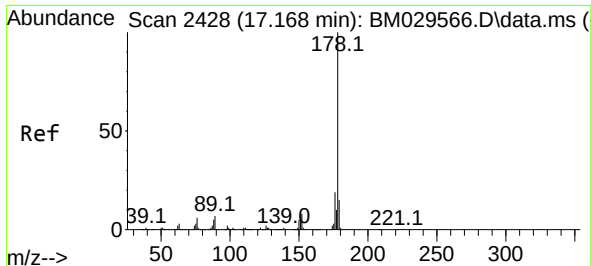
Tgt Ion:188 Resp: 468435
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.5 6.6 9.8



#71
Phenanthrene
Concen: 8.89 ng
RT: 17.051 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:178 Resp: 239912
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.2 18.4

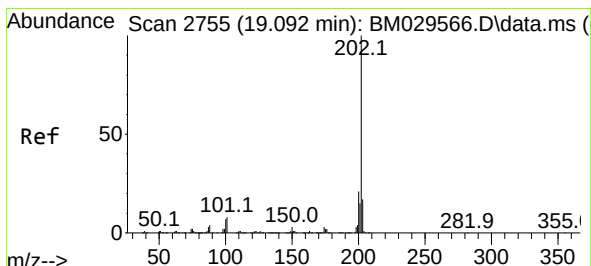
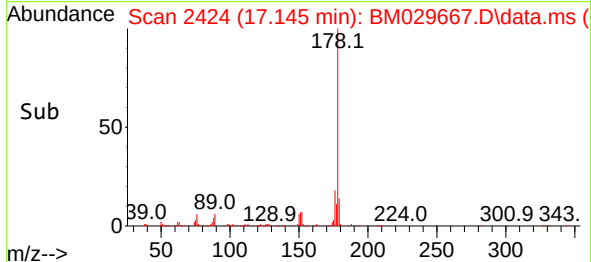
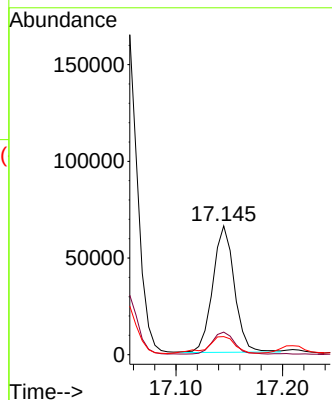
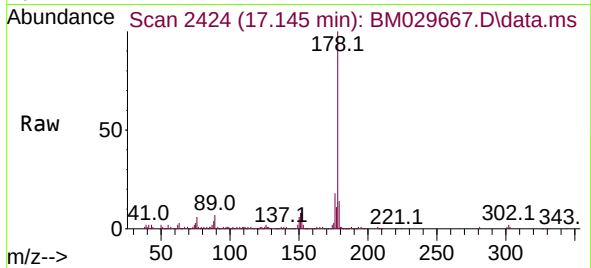




#72
 Anthracene
 Concen: 3.46 ng
 RT: 17.145 min Scan# 2424
 Delta R.T. 0.000 min
 Lab File: BM029667.D
 Acq: 27 Apr 2021 01:40

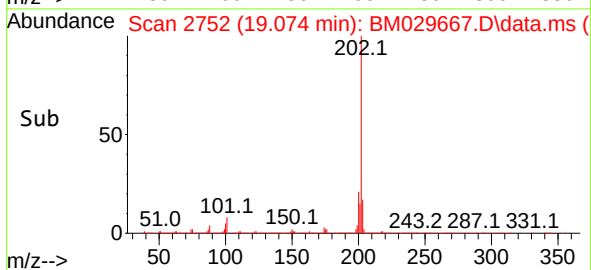
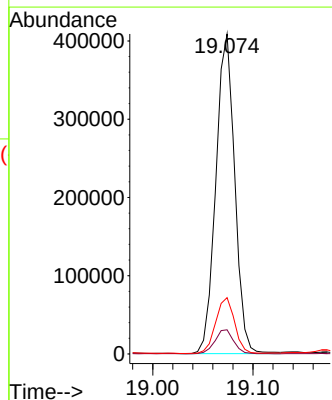
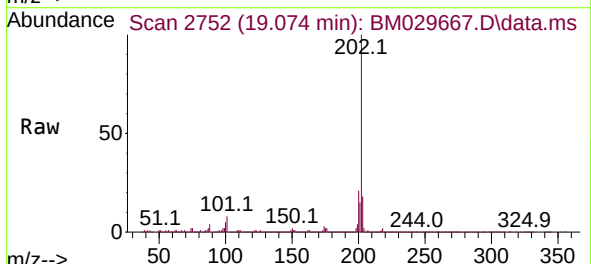
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-3

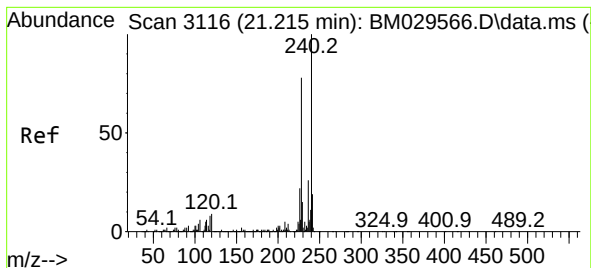
Tgt Ion:178 Resp: 92193
 Ion Ratio Lower Upper
 178 100
 176 17.6 15.0 22.4
 179 14.0 12.5 18.7



#75
 Fluoranthene
 Concen: 16.30 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BM029667.D
 Acq: 27 Apr 2021 01:40

Tgt Ion:202 Resp: 533230
 Ion Ratio Lower Upper
 202 100
 101 7.6 0.0 28.6
 203 17.6 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: BM029667.D

Acq: 27 Apr 2021 01:40

Tgt Ion:240 Resp: 518366

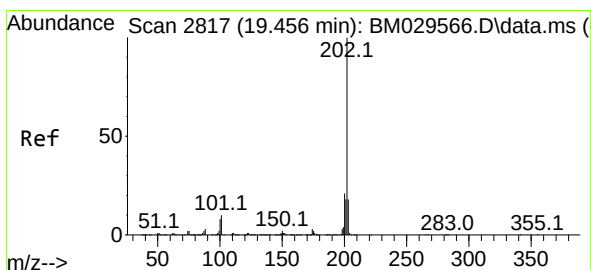
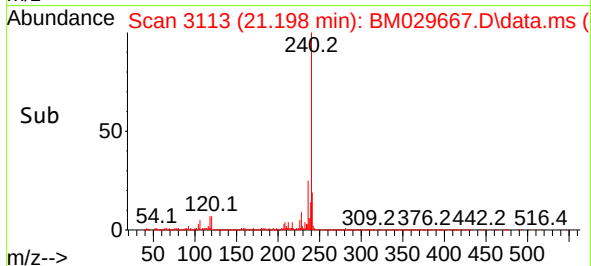
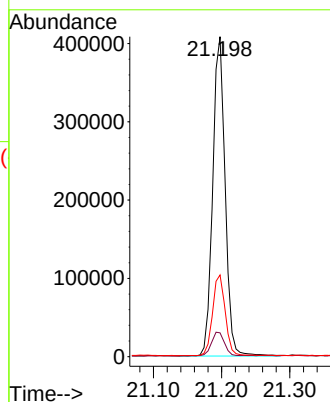
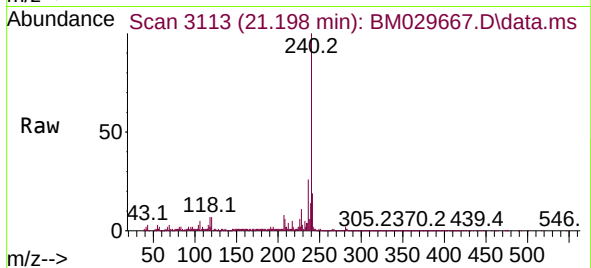
Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.0	10.6
236	25.5	21.0	31.4

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-COMP-3



#78

Pyrene

Concen: 14.44 ng

RT: 19.433 min Scan# 2813

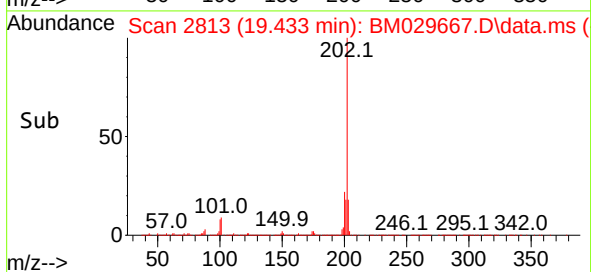
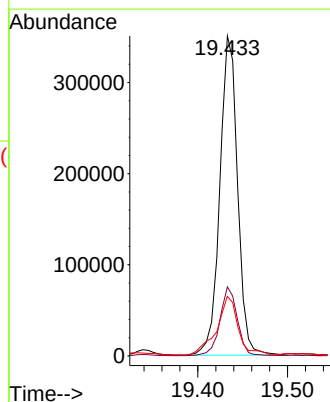
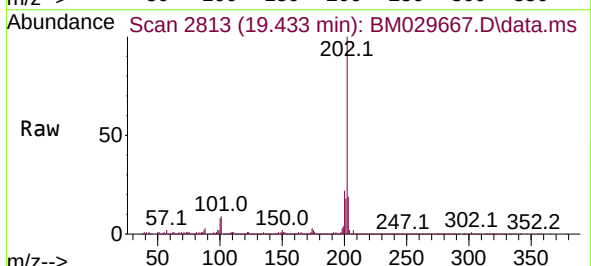
Delta R.T. 0.000 min

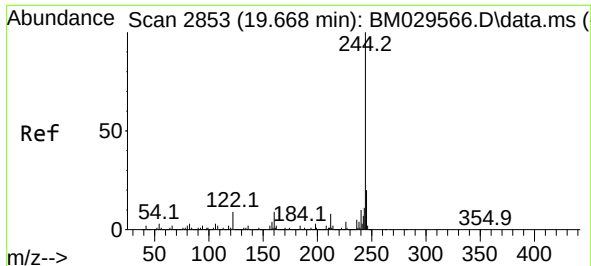
Lab File: BM029667.D

Acq: 27 Apr 2021 01:40

Tgt Ion:202 Resp: 481685

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.6	13.9	20.9

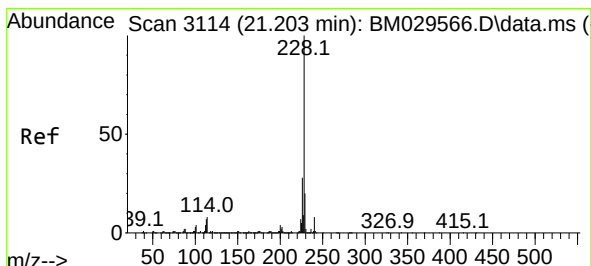
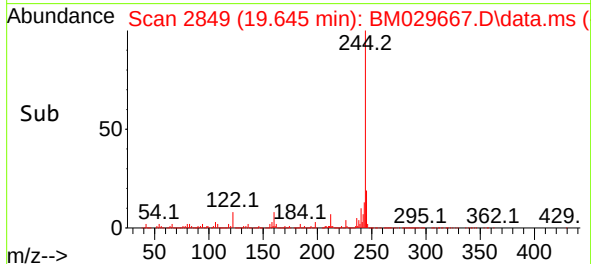
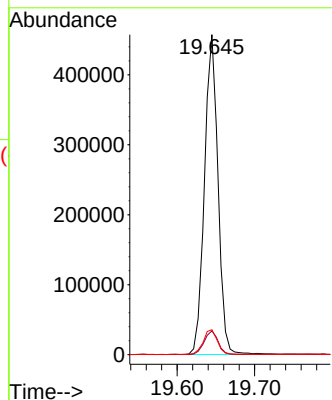
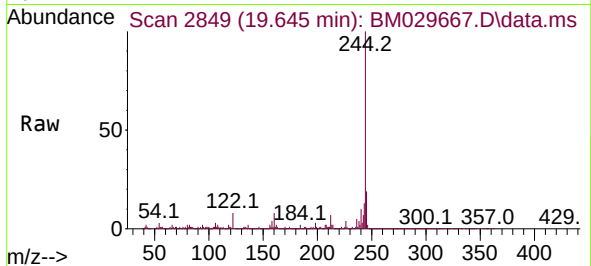




#79
 Terphenyl-d14
 Concen: 20.24 ng
 RT: 19.645 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BM029667.D
 Acq: 27 Apr 2021 01:40

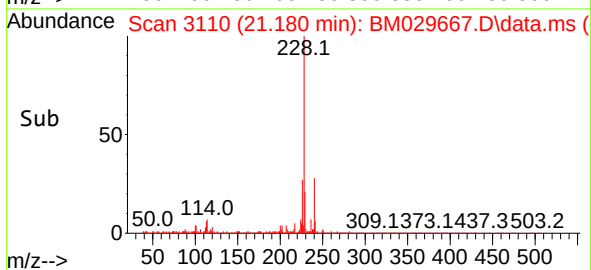
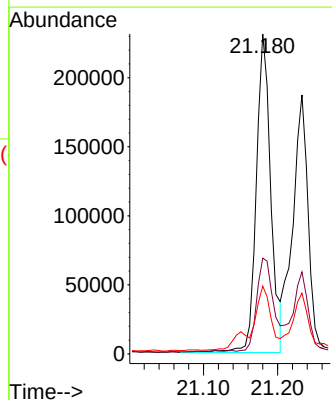
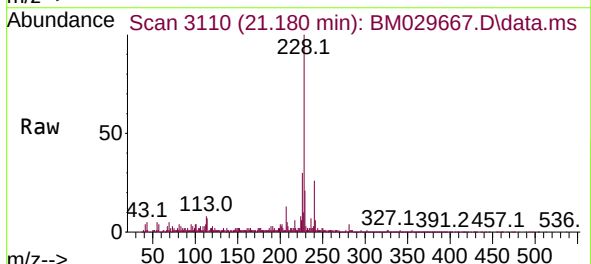
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-3

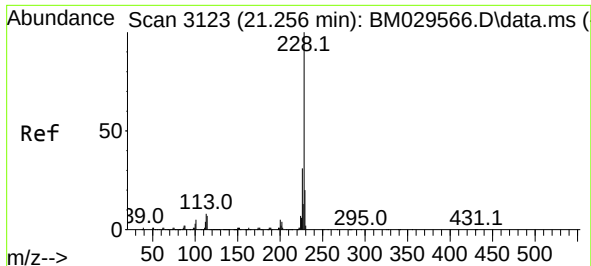
Tgt Ion:244 Resp: 553410
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 7.8 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 9.14 ng
 RT: 21.180 min Scan# 3110
 Delta R.T. 0.000 min
 Lab File: BM029667.D
 Acq: 27 Apr 2021 01:40

Tgt Ion:228 Resp: 313347
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.3 33.5
 229 21.2 15.7 23.5

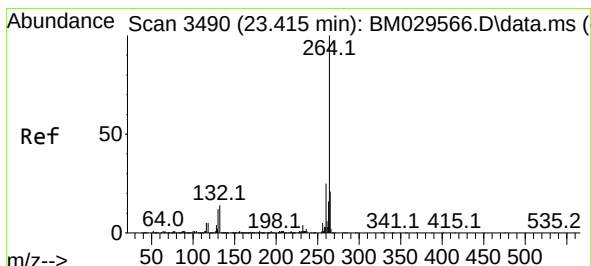
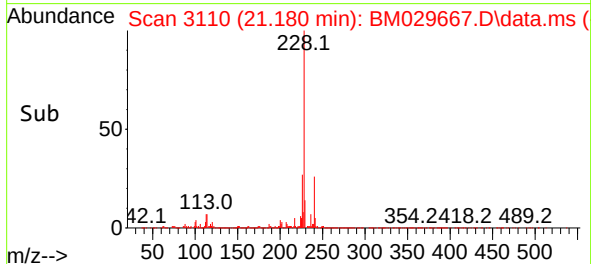
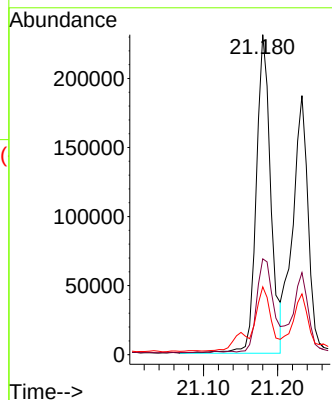
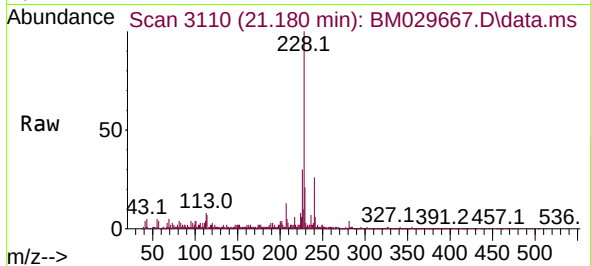




#83
Chrysene
Concen: 9.30 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.053 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

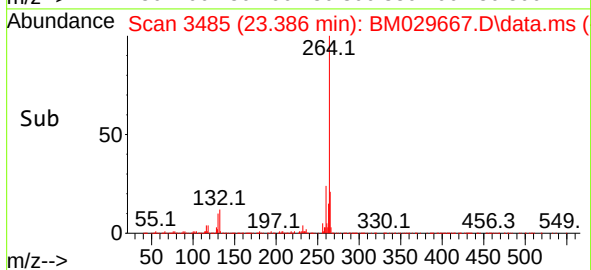
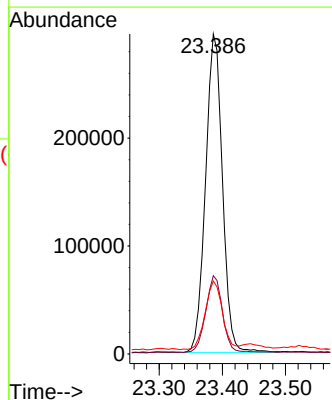
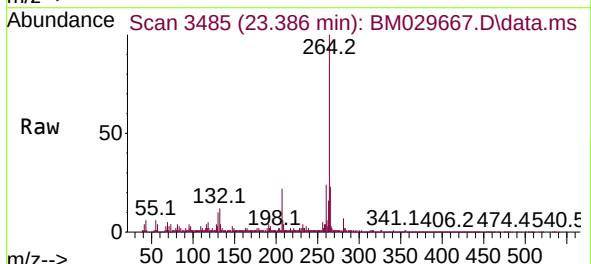
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3

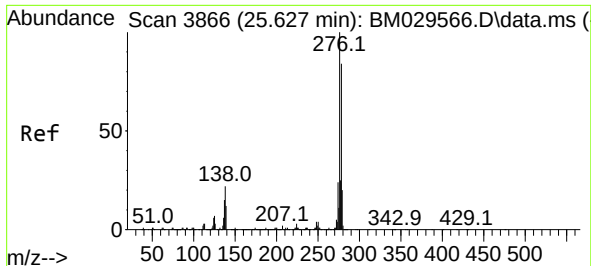
Tgt Ion:228 Resp: 313347
Ion Ratio Lower Upper
228 100
226 30.0 24.6 36.8
229 21.2 15.5 23.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:264 Resp: 547477
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.8 17.7 26.5

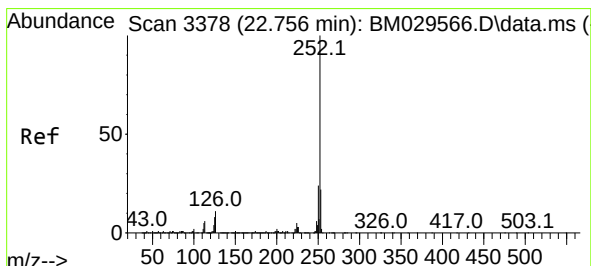
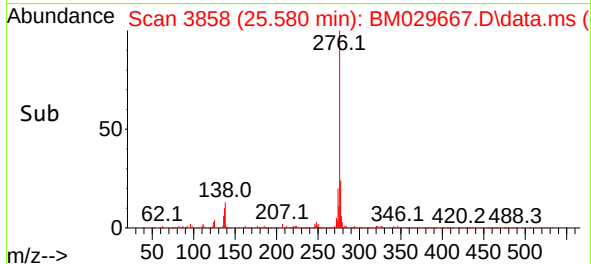
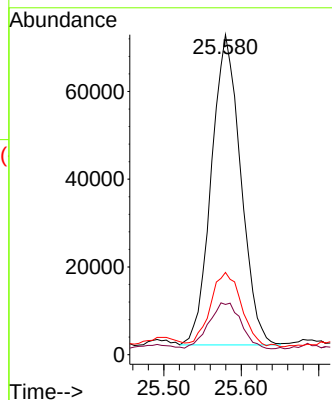
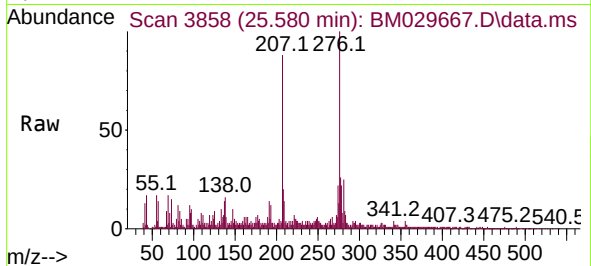




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.41 ng
RT: 25.580 min Scan# 3858
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

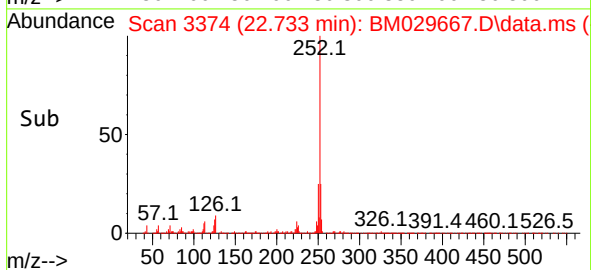
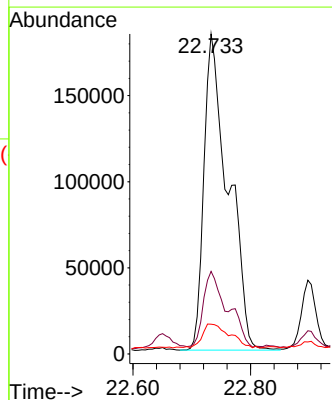
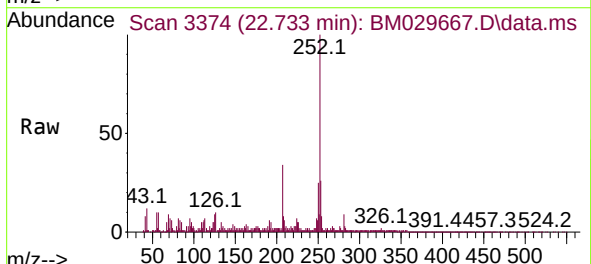
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3

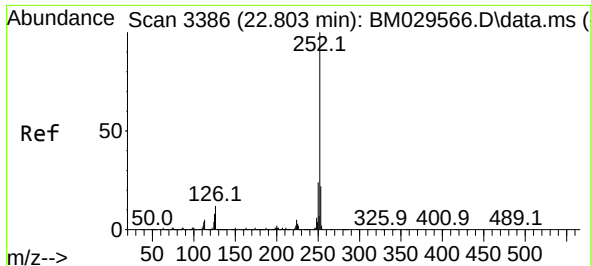
Tgt Ion:276 Resp: 186508
Ion Ratio Lower Upper
276 100
138 16.3 17.1 25.7#
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 14.73 ng
RT: 22.733 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:252 Resp: 525739
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.0
125 9.3 6.8 10.2

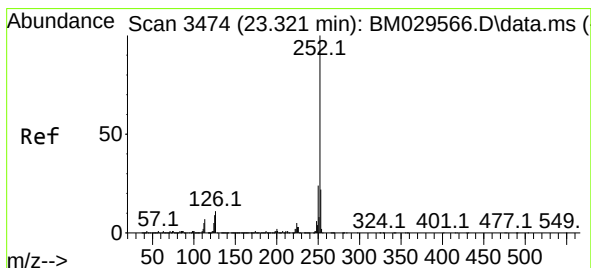
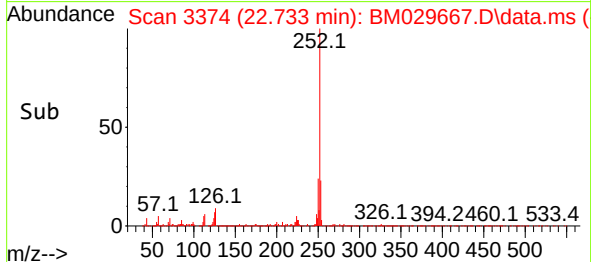
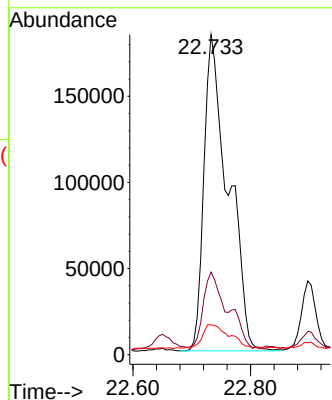
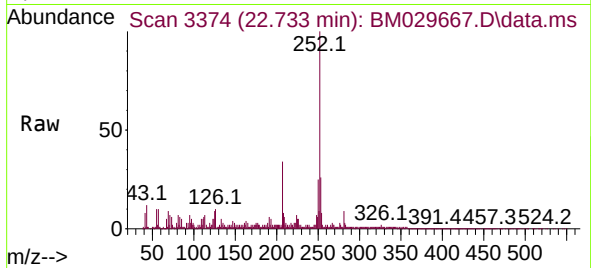




#89
Benzo(k)fluoranthene
Concen: 14.69 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.041 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

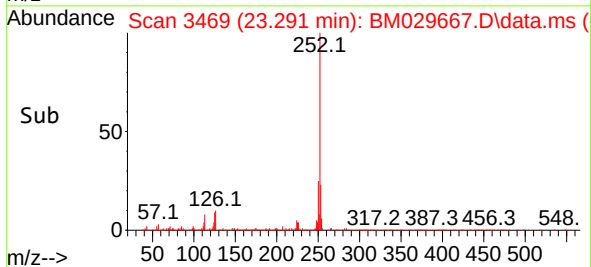
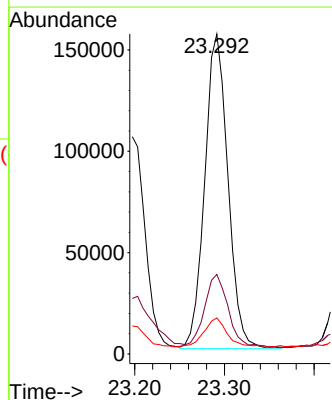
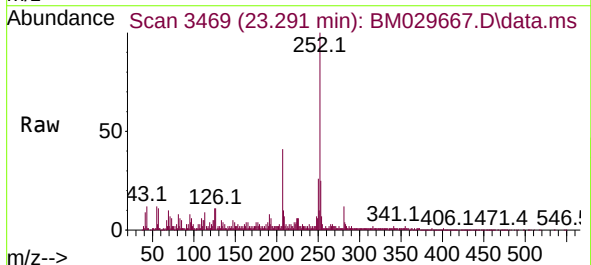
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3

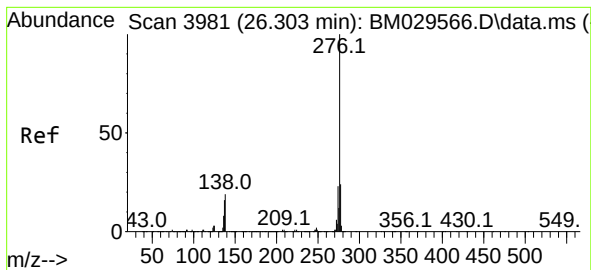
Tgt Ion:252 Resp: 525739
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.2
125 9.3 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 8.32 ng
RT: 23.291 min Scan# 3469
Delta R.T. 0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

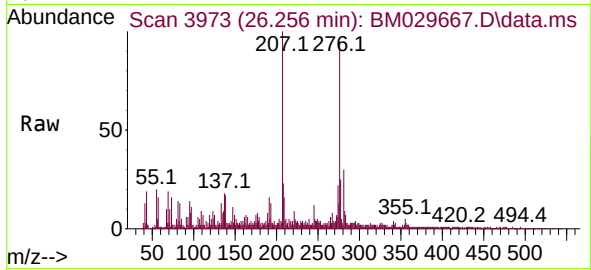
Tgt Ion:252 Resp: 279051
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 11.2 7.3 10.9#





#92
 Benzo(g,h,i)perylene
 Concen: 5.65 ng
 RT: 26.256 min Scan# 3973
 Delta R.T. 0.006 min
 Lab File: BM029667.D
 Acq: 27 Apr 2021 01:40

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-3



Tgt Ion:	276	Resp:	190675
Ion Ratio	Lower	Upper	
276	100		
277	26.7	19.4	29.2
138	17.9	14.4	21.6

