

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029665.D
 Acq On : 27 Apr 2021 00:27
 Operator : CG/JU
 Sample : M2176-18 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-4

Manual Integrations
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Quant Time: Apr 27 01:34:31 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	78764	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	293493	20.00	ng	0.00
39) Acenaphthene-d10	14.268	164	197535	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	434760	20.00	ng	0.00
76) Chrysene-d12	21.197	240	495273	20.00	ng	0.00
86) Perylene-d12	23.385	264	520729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	185739	47.28	ng	0.00
7) Phenol-d6	6.798	99	228059	38.86	ng	0.00
23) Nitrobenzene-d5	8.769	82	149798	26.29	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	111140	40.68	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	399284	27.43	ng	0.00
79) Terphenyl-d14	19.645	244	599809	22.96	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.986	152	105257	5.94	ng	98
58) Fluorene	15.315	166	39098	2.48	ng	95
71) Phenanthrene	17.051	178	546225	21.82	ng	99
72) Anthracene	17.145	178	206771	8.37	ng	99
75) Fluoranthene	19.074	202	1298660	42.78	ng	98
78) Pyrene	19.433	202	1138517	35.73	ng	98
81) Benzo(a)anthracene	21.180	228	715592	21.84	ng	96
83) Chrysene	21.233	228	595895	18.51	ng	97
87) Indeno(1,2,3-cd)pyrene	25.579	276	434416	10.79	ng	# 95
88) Benzo(b)fluoranthene	22.733	252	925584m	27.26	ng	
89) Benzo(k)fluoranthene	22.768	252	284531m	8.36	ng	
90) Benzo(a)pyrene	23.291	252	666010	20.89	ng	98
91) Dibenzo(a,h)anthracene	25.579	278	110312	3.18	ng	# 76
92) Benzo(g,h,i)perylene	26.250	276	412963	12.86	ng	99

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

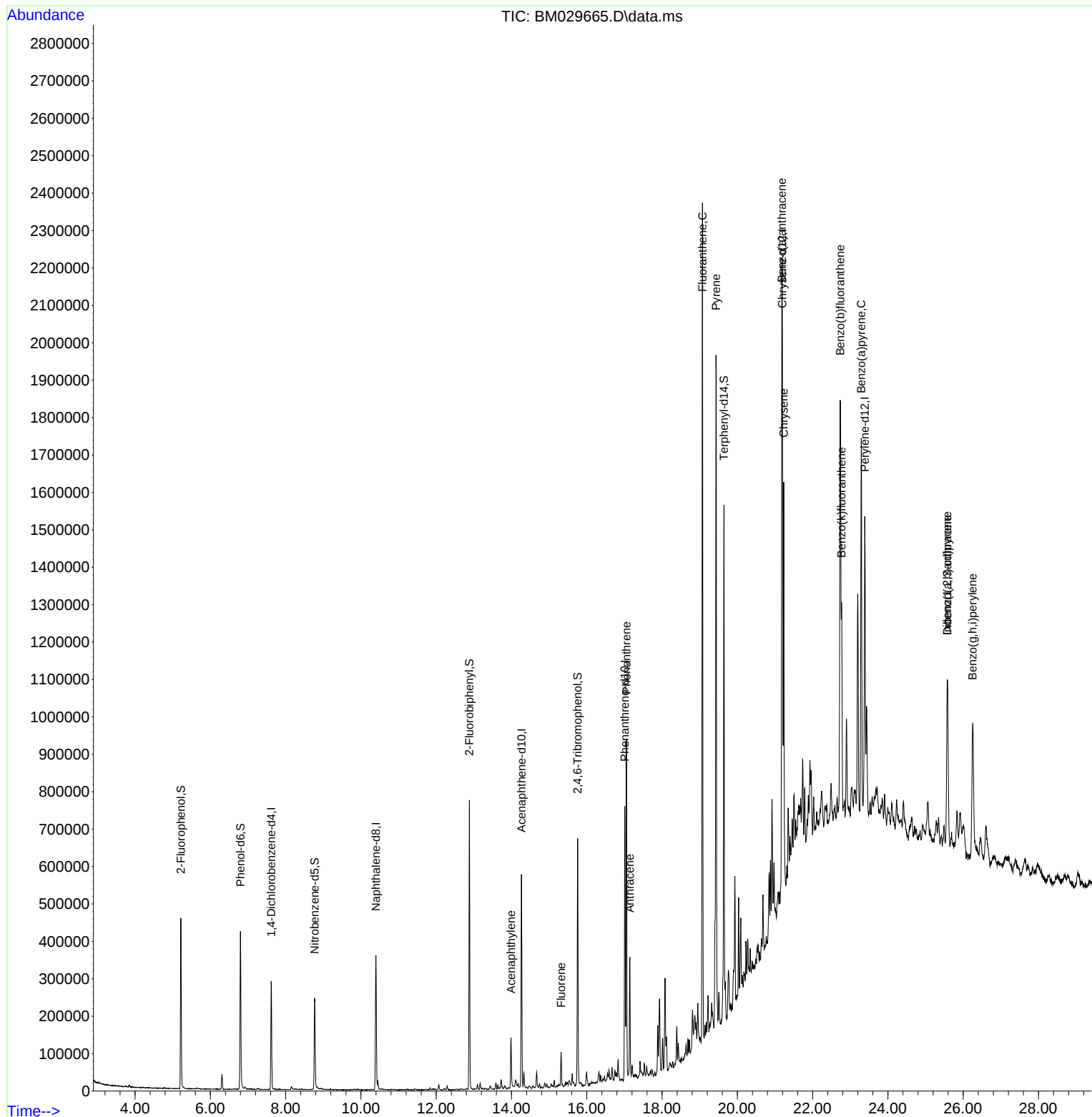
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029665.D
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ALS Vial : 18 Sample Multiplier: 1

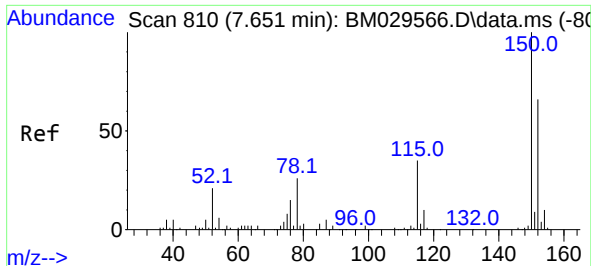
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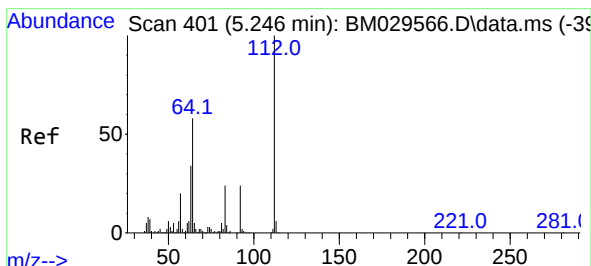
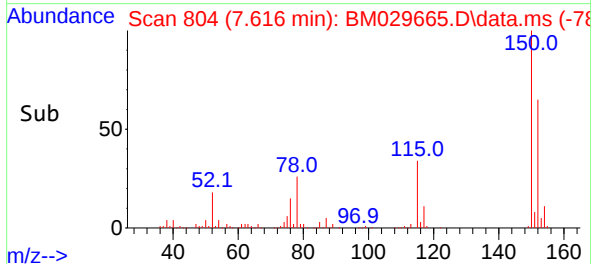
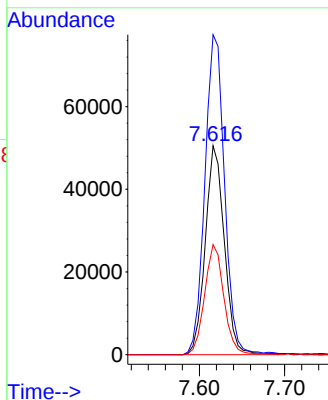
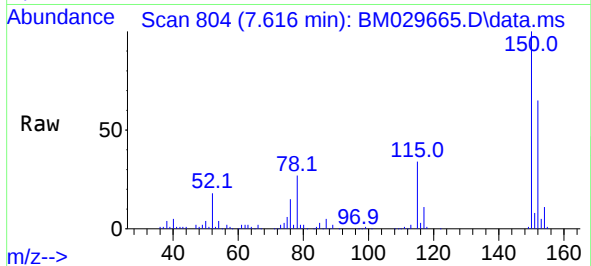
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:152 Resp: 78764
Ion Ratio Lower Upper
152 100
150 153.1 125.9 188.9
115 52.7 44.6 67.0

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-4

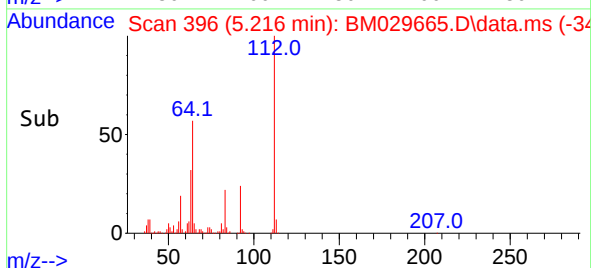
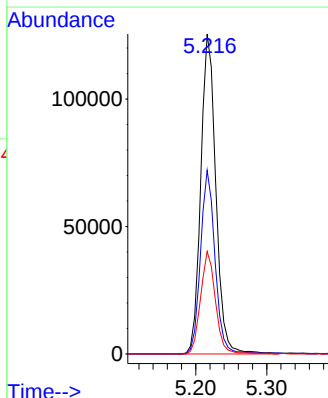
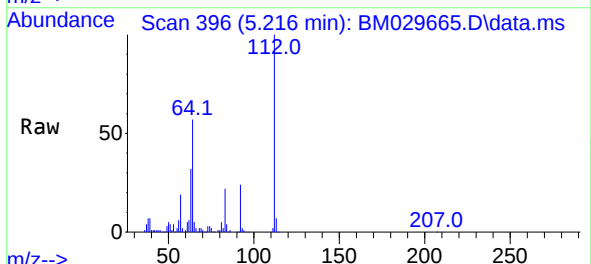
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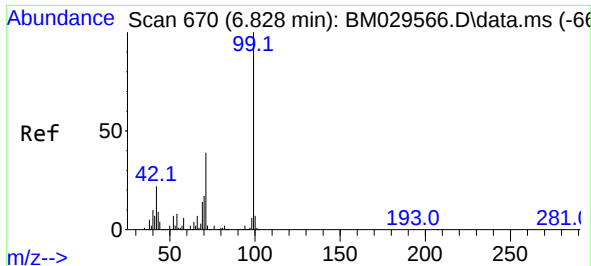
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#5
2-Fluorophenol
Concen: 47.28 ng
RT: 5.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:112 Resp: 185739
Ion Ratio Lower Upper
112 100
64 57.4 47.1 70.7
63 32.1 27.3 40.9





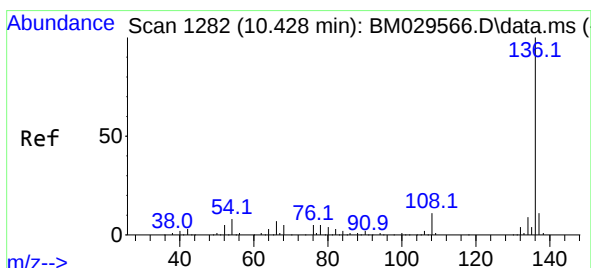
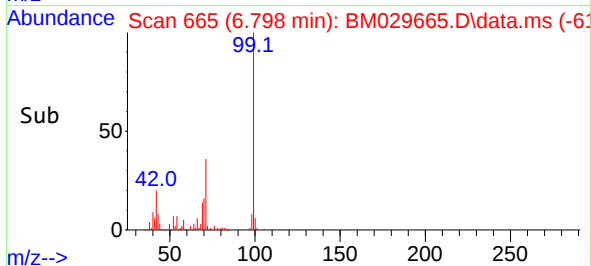
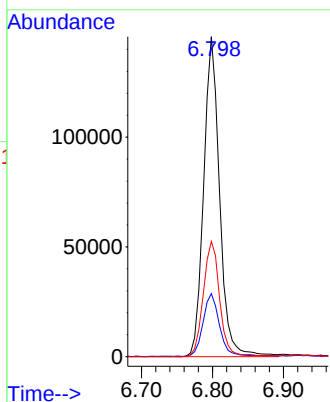
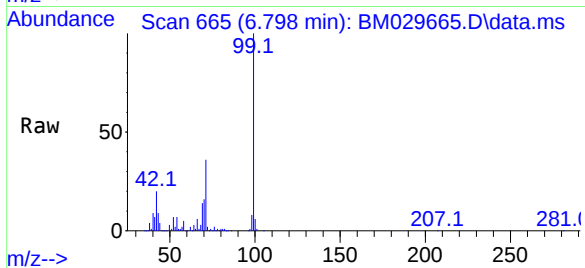
#7
Phenol-d6
Concen: 38.86 ng
RT: 6.798 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:	99	Resp:	228059
Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.0	27.0
71	36.0	30.9	46.3

Instrument :
BNA_M
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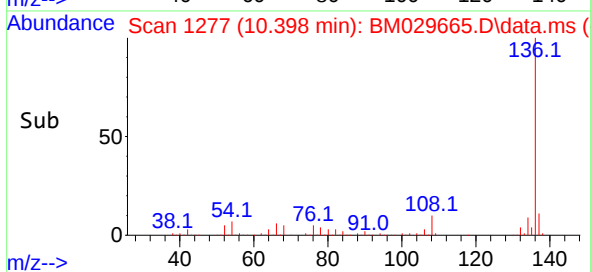
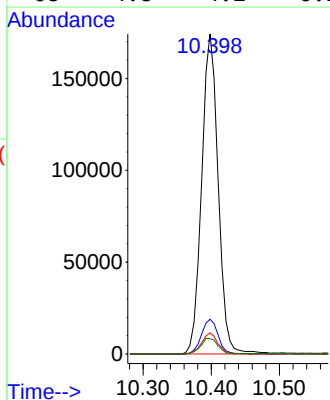
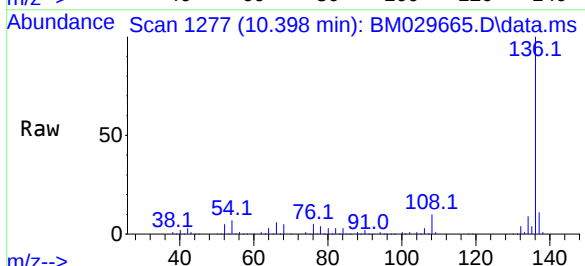
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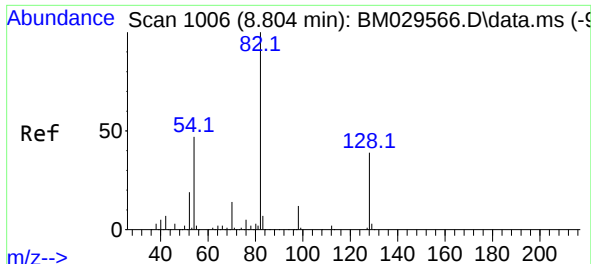
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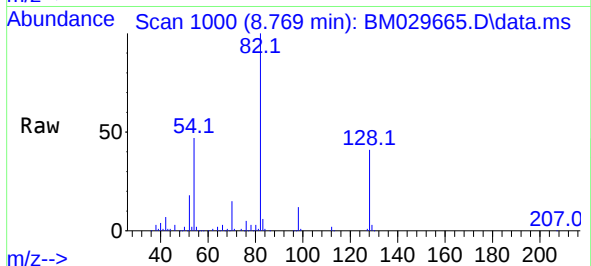
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:	136	Resp:	293493
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.6	5.5	8.3
68	4.8	4.2	6.2

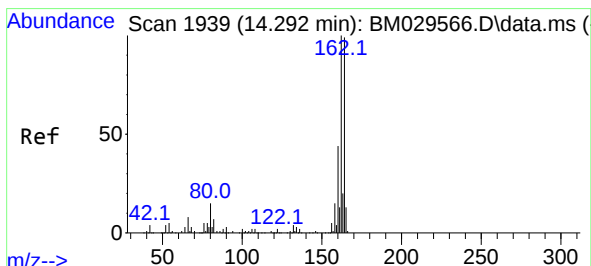
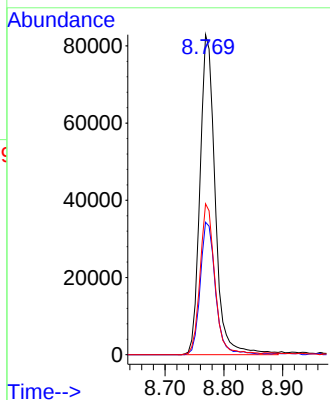
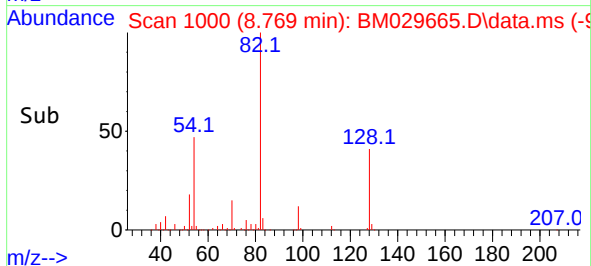




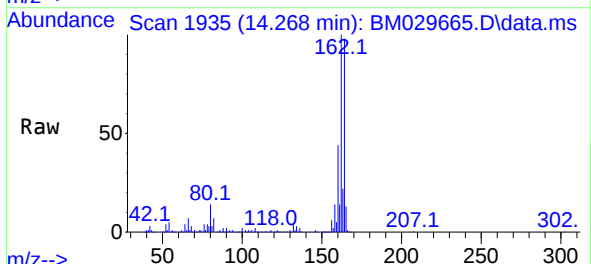
#23
Nitrobenzene-d5
Concen: 26.29 ng
RT: 8.769 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27



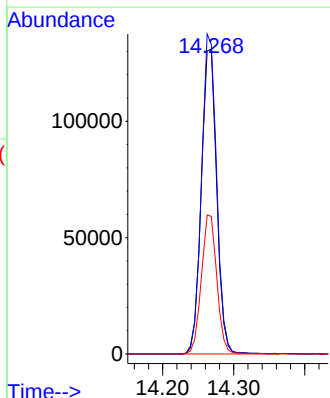
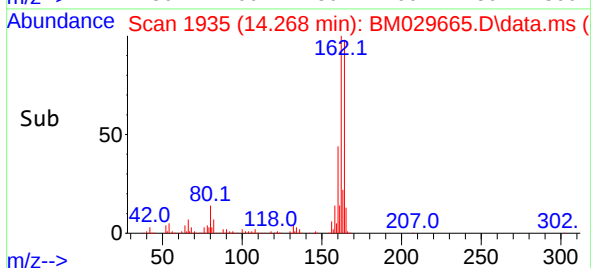
Tgt Ion: 82 Resp: 149798
Ion Ratio Lower Upper
82 100
128 41.4 31.1 46.7
54 47.2 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27



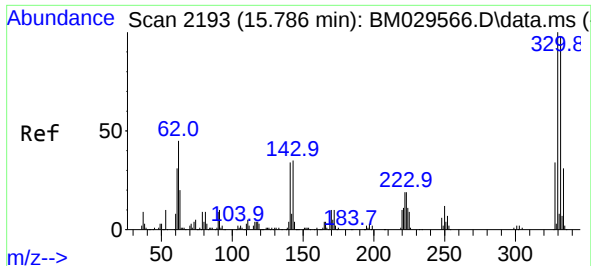
Tgt Ion: 164 Resp: 197535
Ion Ratio Lower Upper
164 100
162 101.5 83.4 125.0
160 45.2 37.2 55.8



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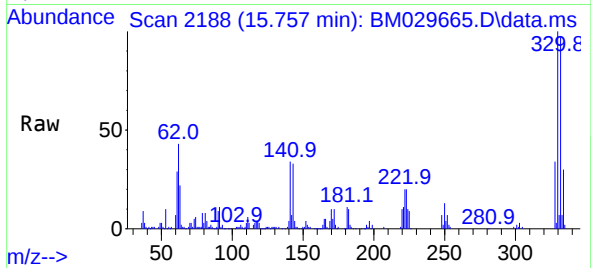
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#42
2,4,6-Tribromophenol
Concen: 40.68 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

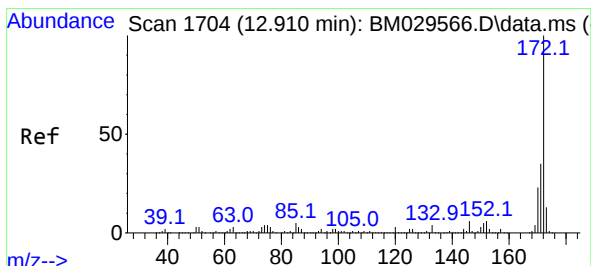
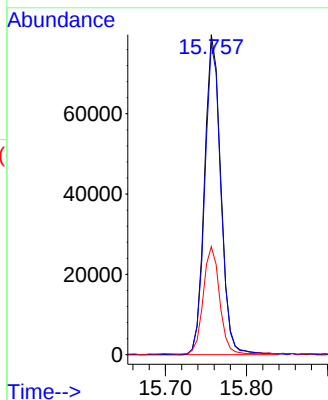
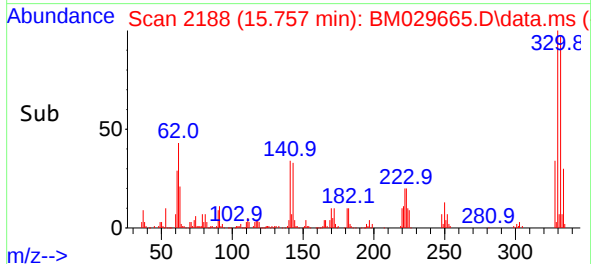
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ClientSampleId :
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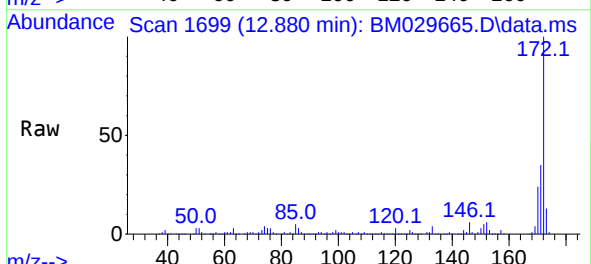
Tgt Ion:330 Resp: 111140
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 33.4 30.2 45.2

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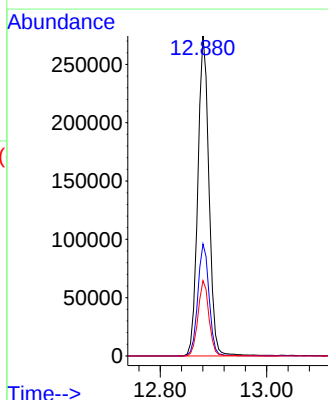
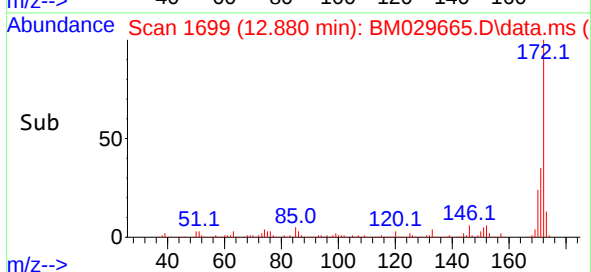
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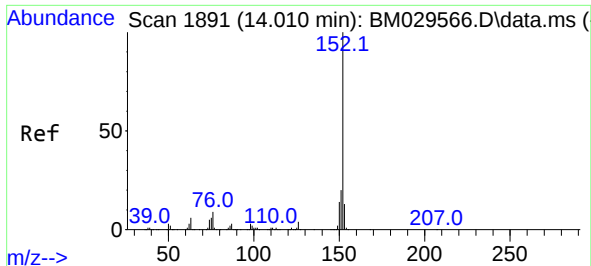


#45
2-Fluorobiphenyl
Concen: 27.43 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

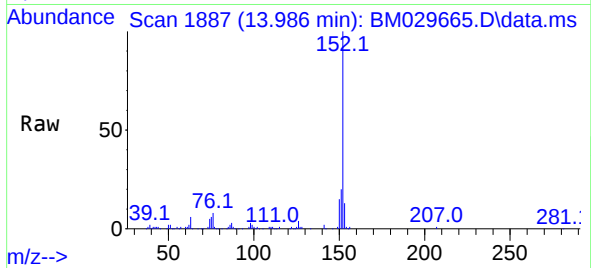


Tgt Ion:172 Resp: 399284
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 18.4 27.6

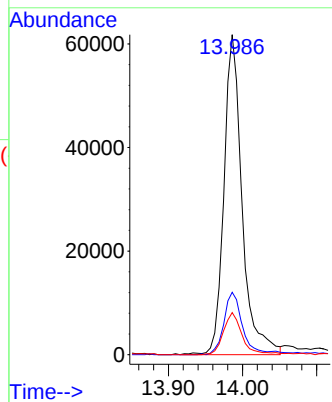
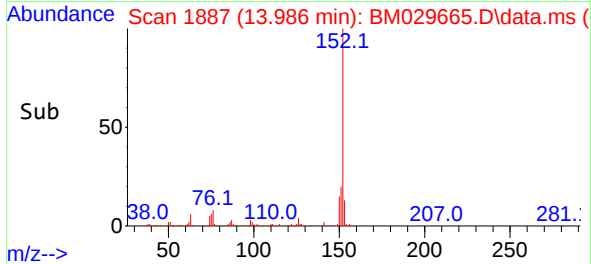




#49
Acenaphthylene
Concen: 5.94 ng
RT: 13.986 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27



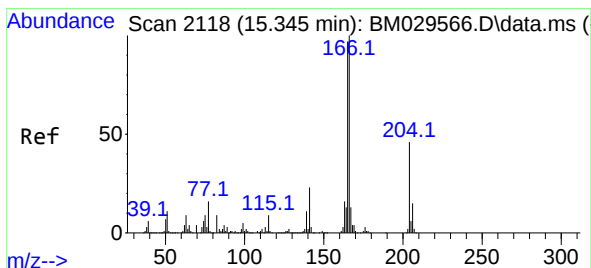
Tgt Ion:152 Resp: 105257
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.2 10.2 15.4



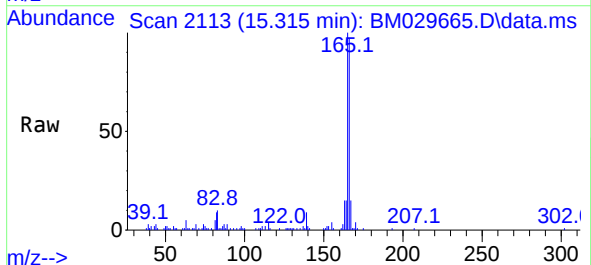
Instrument :
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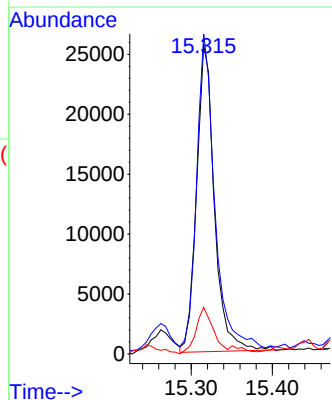
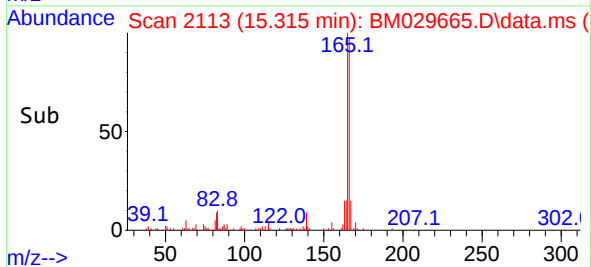
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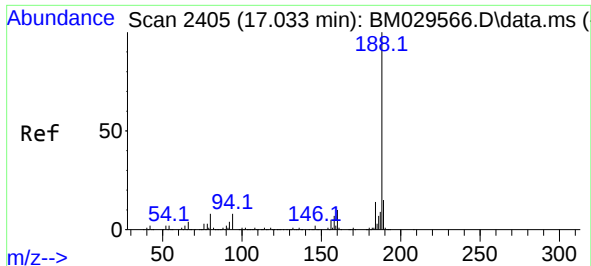


#58
Fluorene
Concen: 2.48 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27



Tgt Ion:166 Resp: 39098
Ion Ratio Lower Upper
166 100
165 103.5 79.0 118.6
167 15.1 10.8 16.2





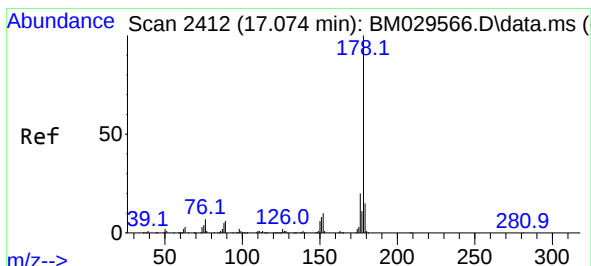
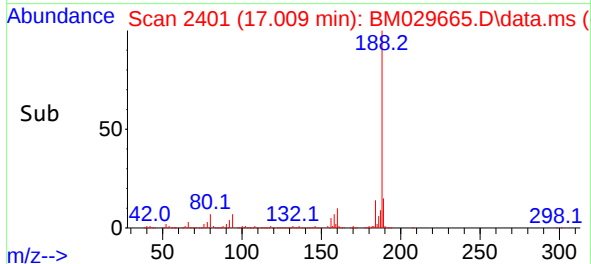
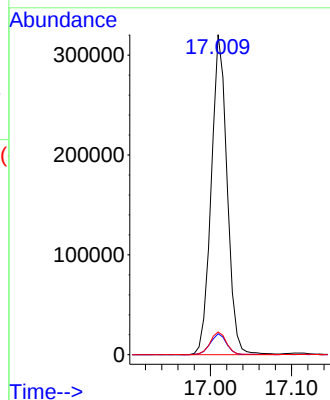
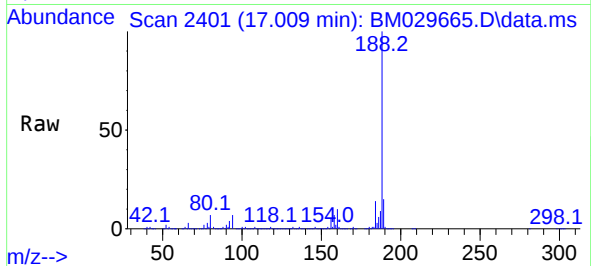
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:188 Resp: 434760
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.1 6.6 9.8

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-4

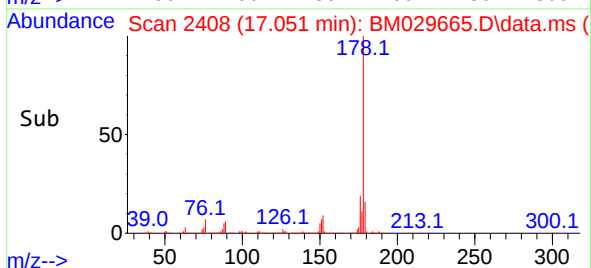
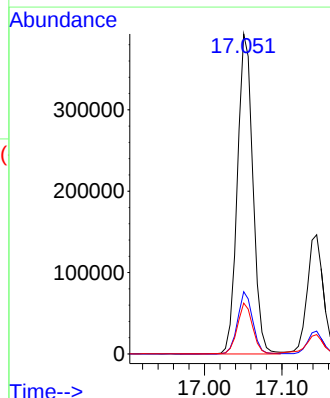
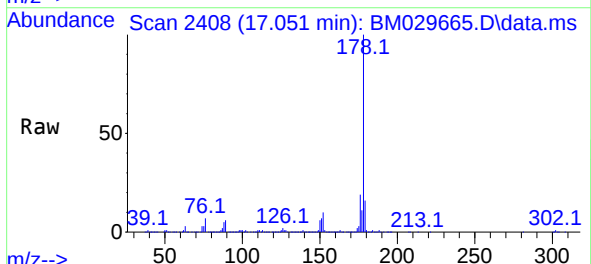
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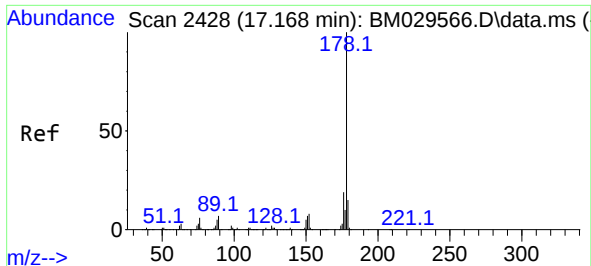
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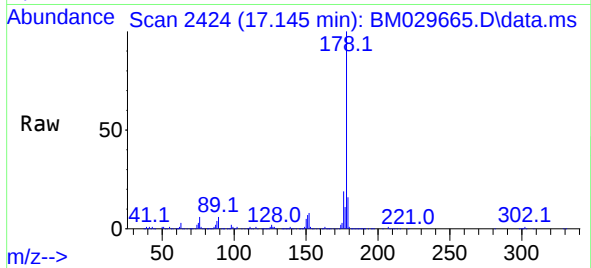
#71
Phenanthrene
Concen: 21.82 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:178 Resp: 546225
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.9 12.2 18.4

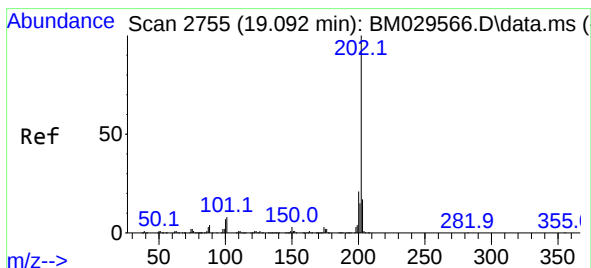
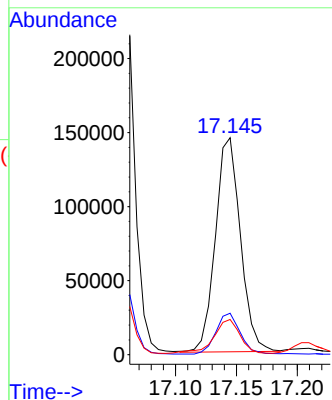
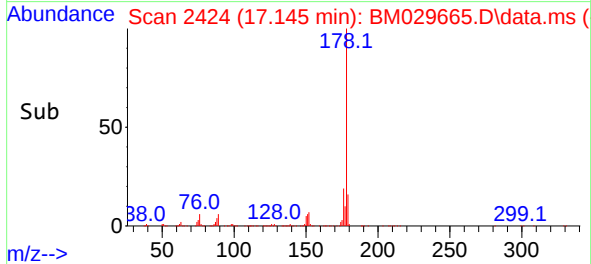




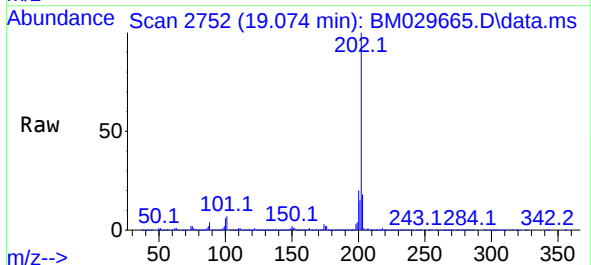
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 Anthracene
 Concen: 8.37 ng
 RT: 17.145 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BM029665.D
 Acq: 27 Apr 2021 00:27



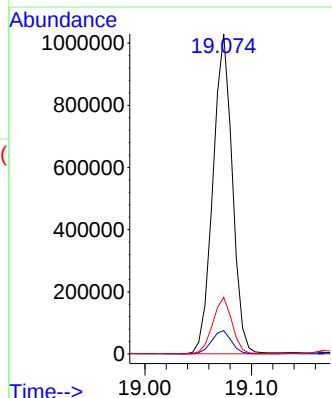
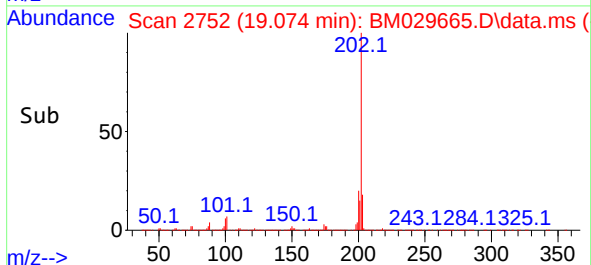
Tgt Ion:178 Resp: 206771
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.4
 179 16.2 12.5 18.7



#75
 Fluoranthene
 Concen: 42.78 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BM029665.D
 Acq: 27 Apr 2021 00:27



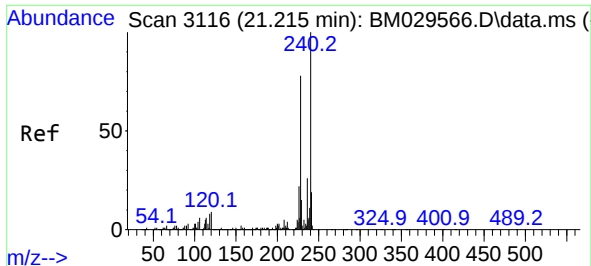
Tgt Ion:202 Resp: 1298660
 Ion Ratio Lower Upper
 202 100
 101 7.3 0.0 28.6
 203 17.7 0.0 37.3



Instrument :
 BNA_M
 ClientSampleId :
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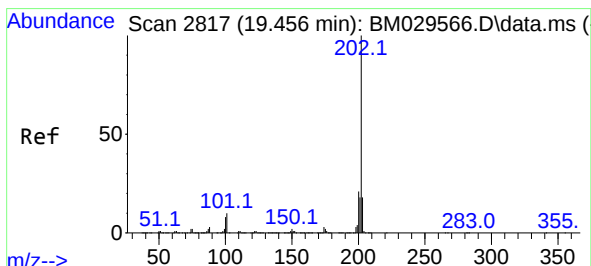
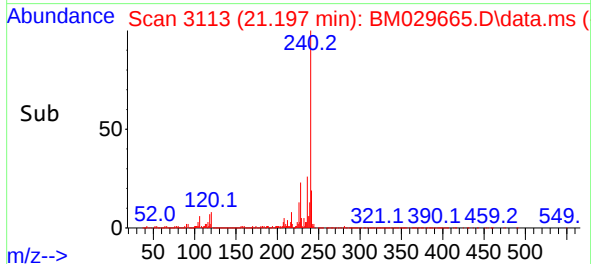
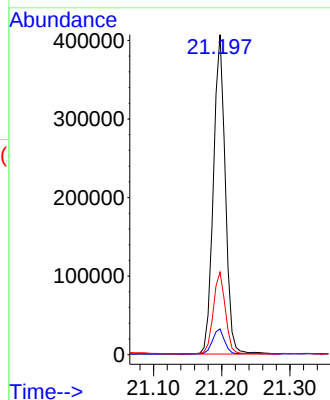
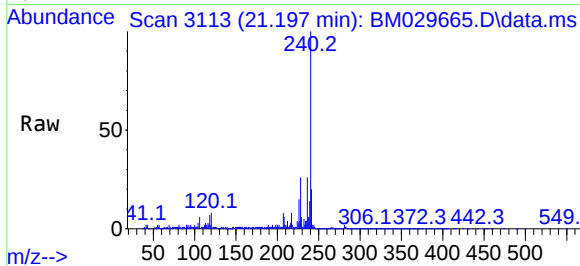
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:	240	Resp:	495273
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.0	10.6
236	25.8	21.0	31.4

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-4

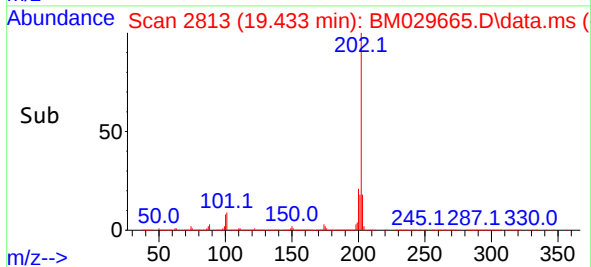
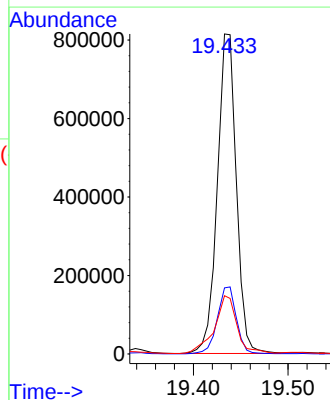
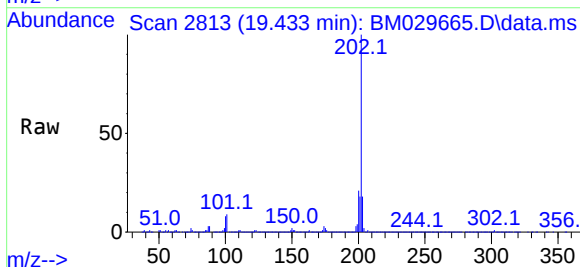
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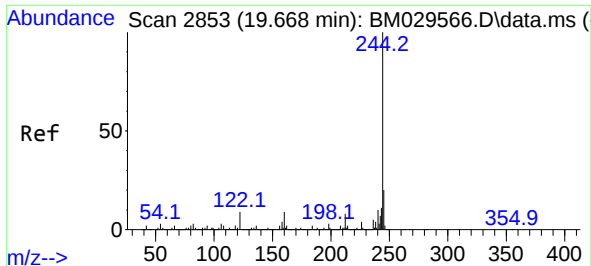
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#78
Pyrene
Concen: 35.73 ng
RT: 19.433 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:	202	Resp:	1138517
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.3	25.9
203	18.2	13.9	20.9





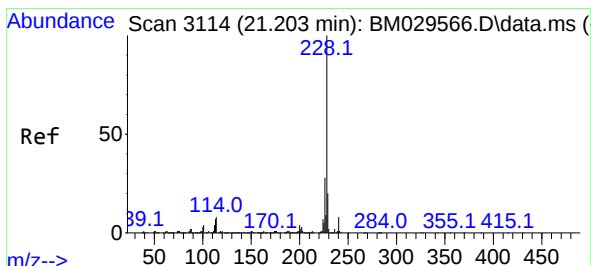
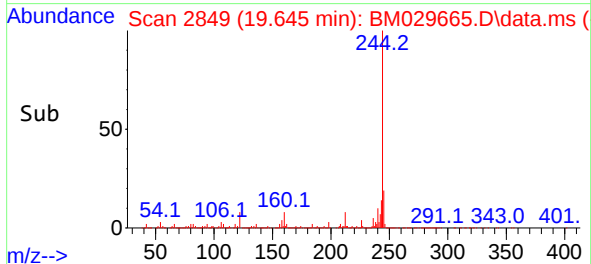
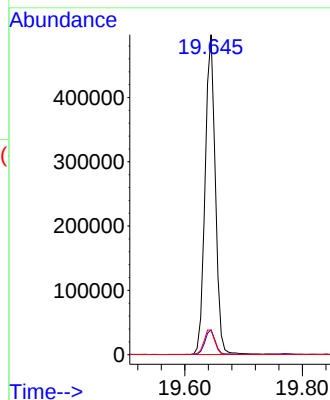
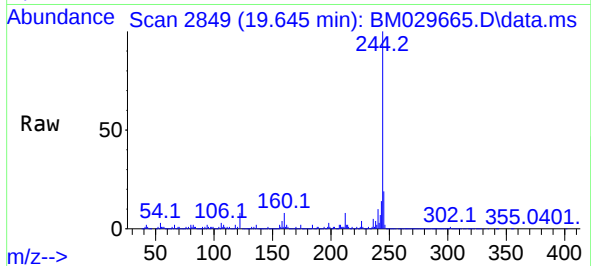
#79
Terphenyl-d14
Concen: 22.96 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:244 Resp: 599809
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 7.7 6.9 10.3

Instrument :
BNA_M
ClientSampleId :
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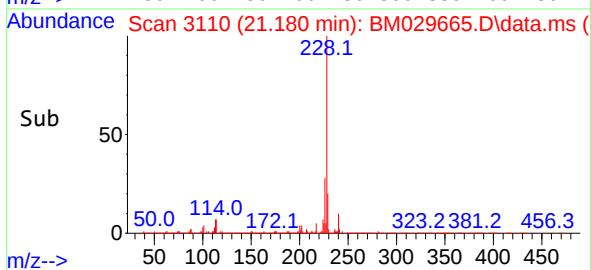
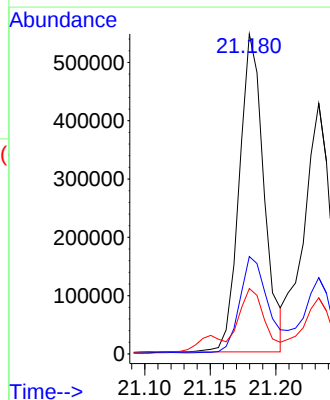
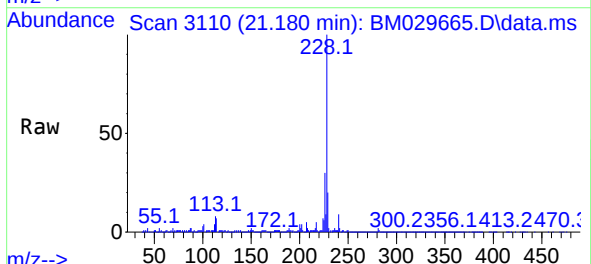
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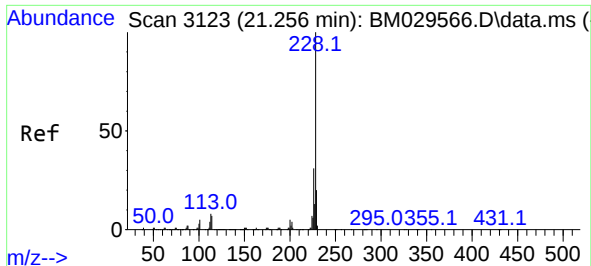
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#81
Benzo(a)anthracene
Concen: 21.84 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:228 Resp: 715592
Ion Ratio Lower Upper
228 100
226 30.5 22.3 33.5
229 20.5 15.7 23.5





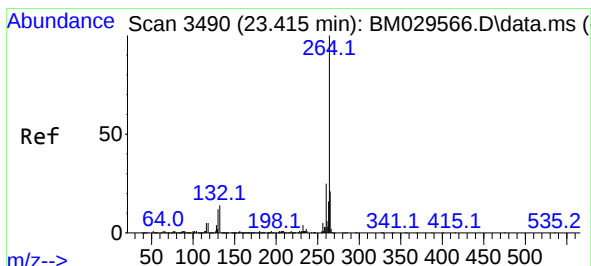
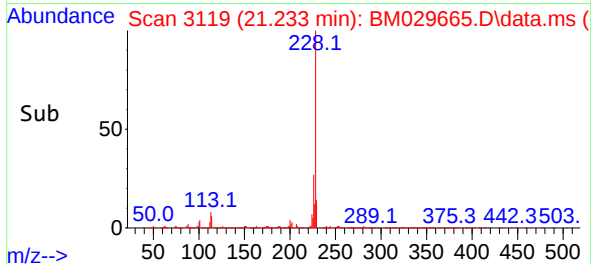
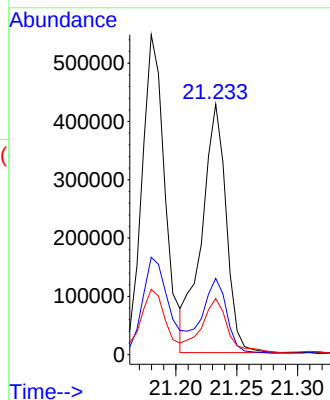
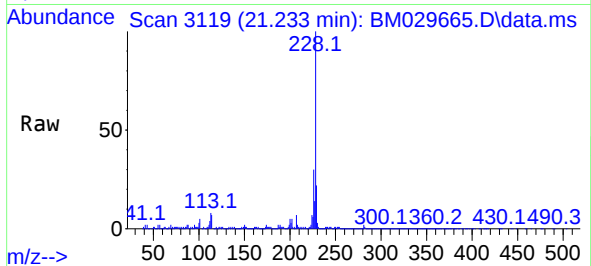
#83
Chrysene
Concen: 18.51 ng
RT: 21.233 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:	228	Resp:	595895
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.6	36.8
229	22.4	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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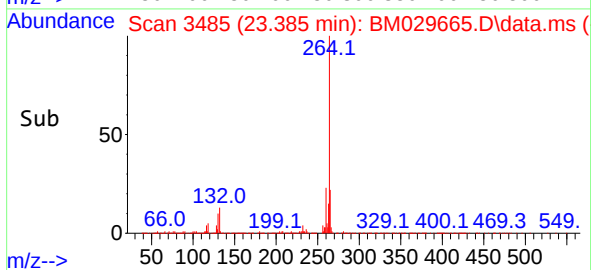
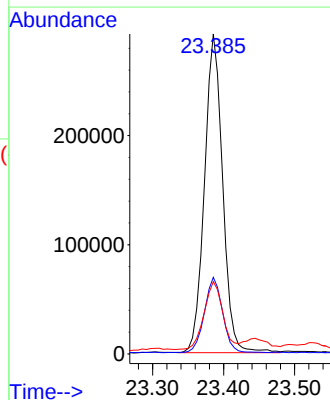
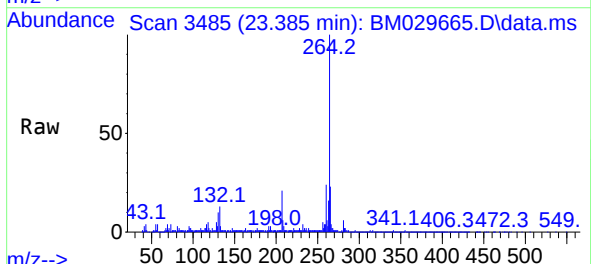
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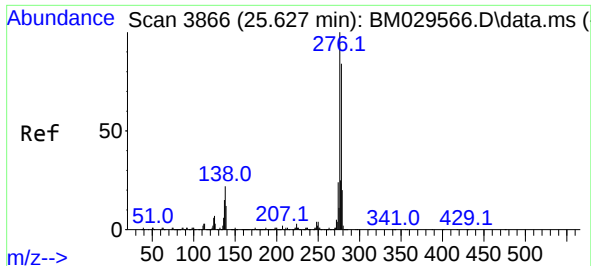
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.385 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:	264	Resp:	520729
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.8	29.8
265	22.6	17.7	26.5





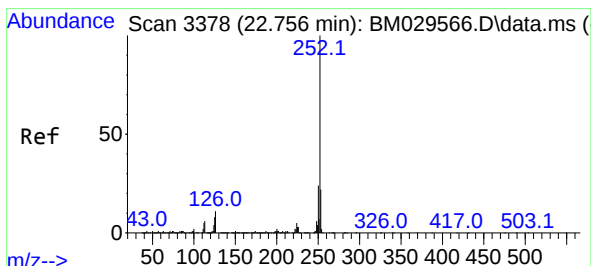
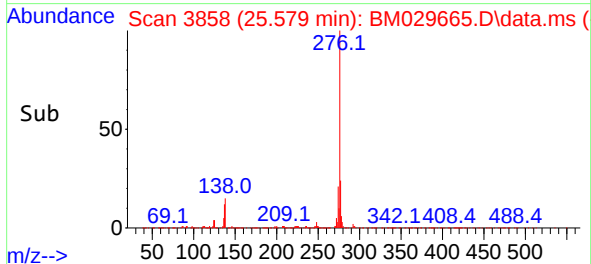
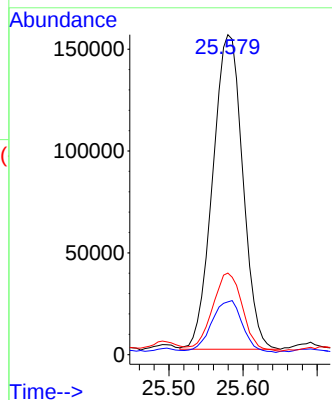
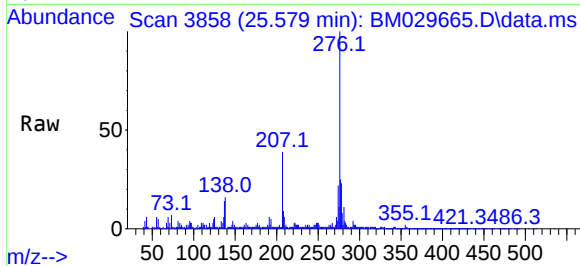
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.79 ng
RT: 25.579 min Scan# 3858
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:276 Resp: 434416
Ion Ratio Lower Upper
276 100
138 16.9 17.1 25.7#
277 25.0 20.3 30.5

Instrument :
BNA_M
ClientSampleId :
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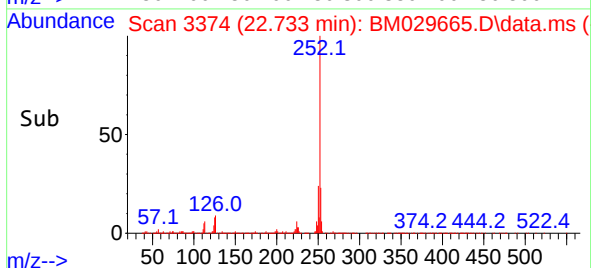
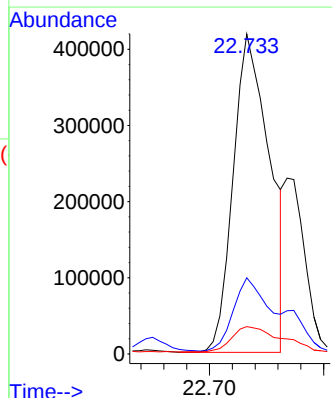
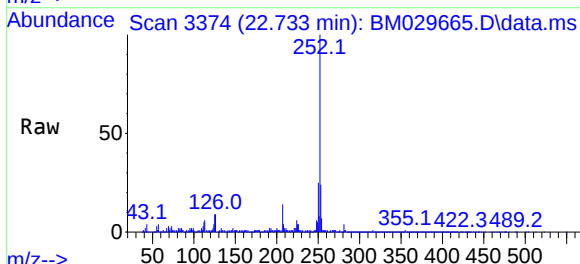
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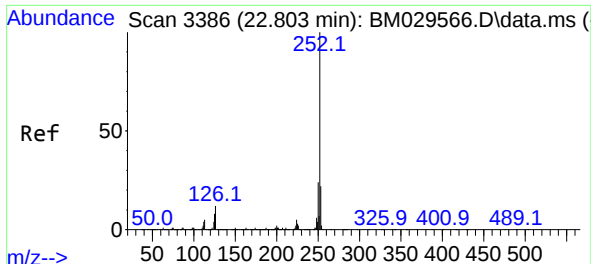
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#88
Benzo(b)fluoranthene
Concen: 27.26 ng m
RT: 22.733 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:252 Resp: 925584
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 8.5 6.8 10.2





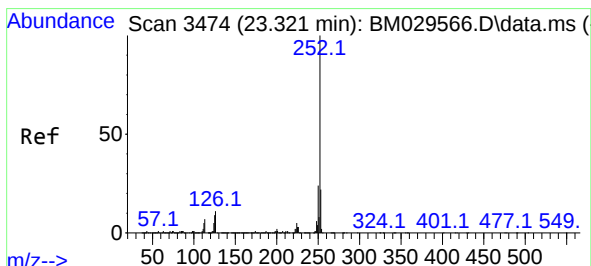
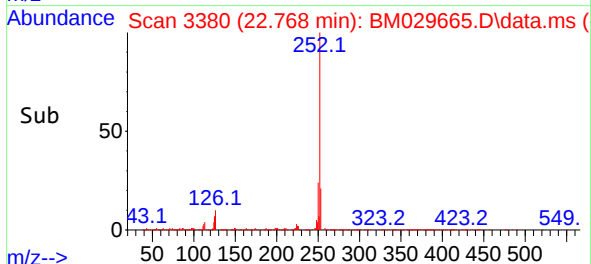
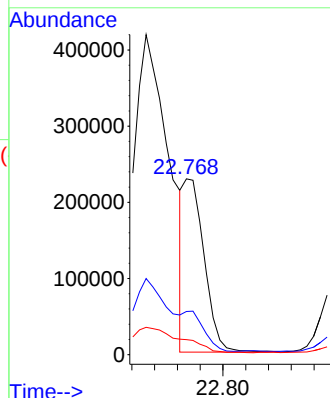
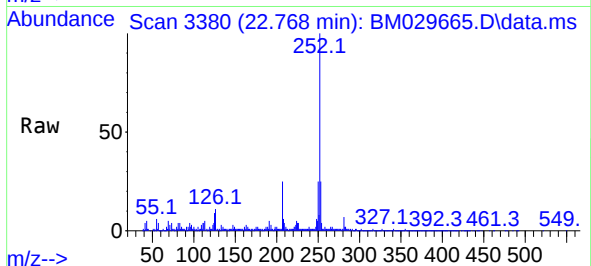
#89
Benzo(k)fluoranthene
Concen: 8.36 ng m
RT: 22.768 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:	252	Resp:	284531
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.2
125	8.6	6.2	9.2

Instrument :
BNA_M
ClientSampleId :
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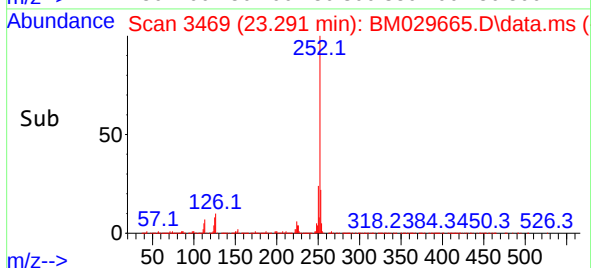
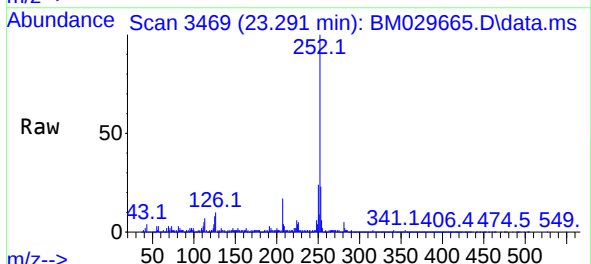
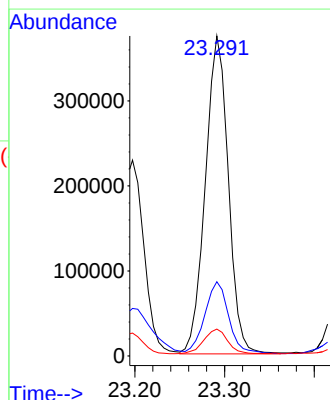
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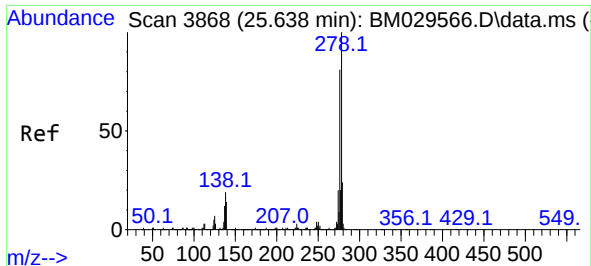
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#90
Benzo(a)pyrene
Concen: 20.89 ng
RT: 23.291 min Scan# 3469
Delta R.T. 0.006 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

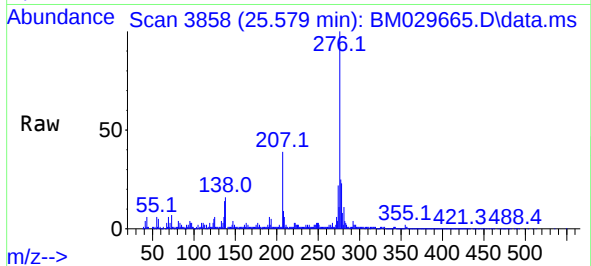
Tgt Ion:	252	Resp:	666010
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	8.4	7.3	10.9





#91
Dibenzo(a,h)anthracene
Concen: 3.18 ng
RT: 25.579 min Scan# 3858
Delta R.T. -0.012 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

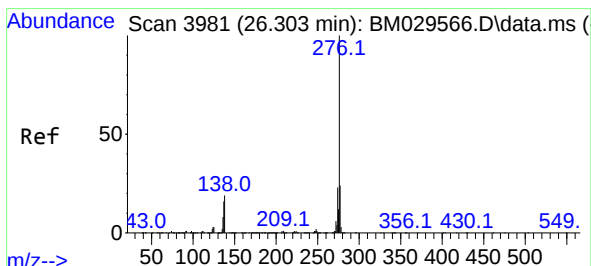
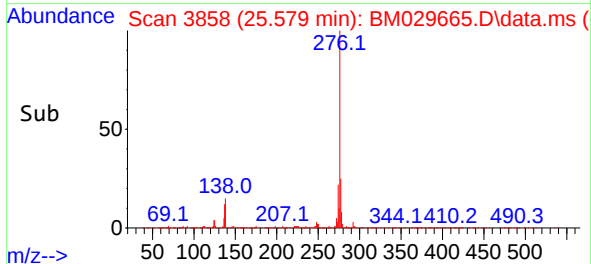
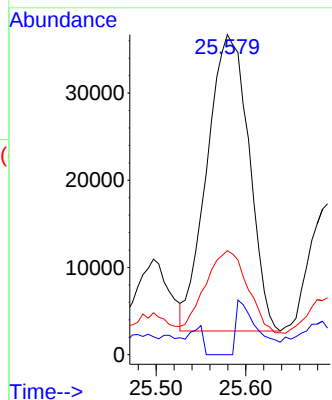
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:278 Resp: 110312
Ion Ratio Lower Upper
278 100
139 0.0 11.0 16.4#
279 32.5 18.7 28.1#

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#92
Benzo(g,h,i)perylene
Concen: 12.86 ng
RT: 26.250 min Scan# 3972
Delta R.T. -0.000 min
Lab File: BM029665.D
Acq: 27 Apr 2021 00:27

Tgt Ion:276 Resp: 412963
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 18.4 14.4 21.6

