

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020421\
 Data File : BM028651.D
 Acq On : 04 Feb 2021 13:14
 Operator : CG/JU
 Sample : M1291-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU421-004-0002

Manual Integrations
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Quant Time: Feb 04 13:47:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	29202	20.00	ng	-0.01
21) Naphthalene-d8	10.734	136	112151	20.00	ng	#-0.01
39) Acenaphthene-d10	14.575	164	60835	20.00	ng	-0.01
64) Phenanthrene-d10	17.310	188	117176	20.00	ng	#-0.01
76) Chrysene-d12	21.456	240	109195	20.00	ng	#-0.01
86) Perylene-d12	23.709	264	111109	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	176217	95.32	ng	-0.02
7) Phenol-d6	7.099	99	220710	87.69	ng	-0.02
23) Nitrobenzene-d5	9.098	82	136010	57.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	73183	90.79	ng	-0.01
45) 2-Fluorobiphenyl	13.198	172	296956	61.24	ng	-0.01
79) Terphenyl-d14	19.915	244	343949	56.88	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.122	94	5648	2.38	ng	97
49) Acenaphthylene	14.298	152	18416	2.93	ng	99
71) Phenanthrene	17.351	178	30875	4.28	ng	100
75) Fluoranthene	19.357	202	86138	10.64	ng	97
78) Pyrene	19.715	202	87572	11.18	ng	99
81) Benzo(a)anthracene	21.439	228	29050	3.85	ng	99
83) Chrysene	21.492	228	46392m	6.37	ng	
87) Indeno(1,2,3-cd)pyrene	25.991	276	44217	5.34	ng	# 92
88) Benzo(b)fluoranthene	23.033	252	77835m	10.32	ng	
89) Benzo(k)fluoranthene	23.068	252	22800m	3.10	ng	
90) Benzo(a)pyrene	23.609	252	43384	6.21	ng	# 94
92) Benzo(g,h,i)perylene	26.703	276	45907	6.81	ng	# 90

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

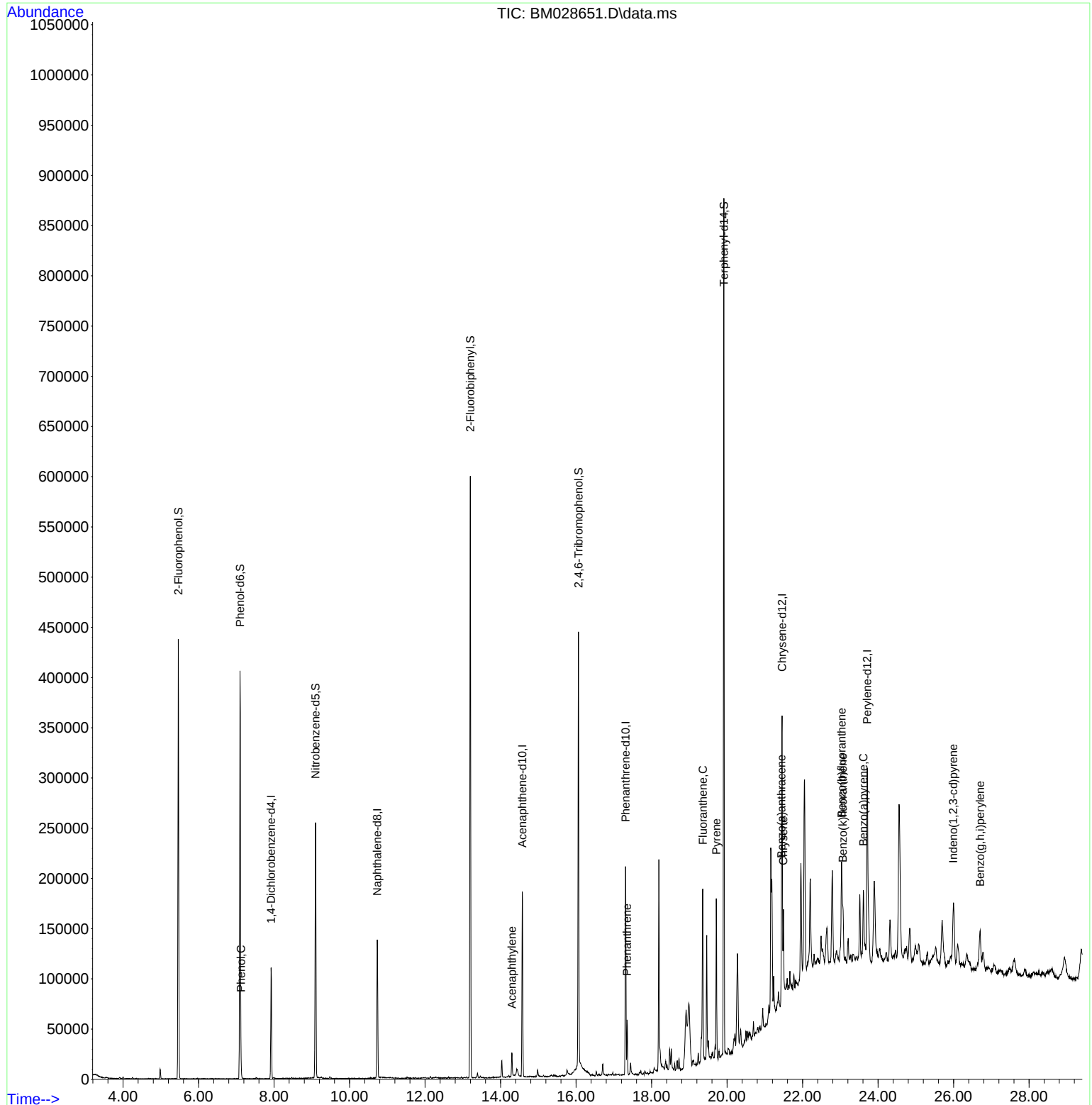
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Data File : BM028651.D
Acq On : 04 Feb 2021 13:14
Operator : CG/JU
Sample : M1291-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

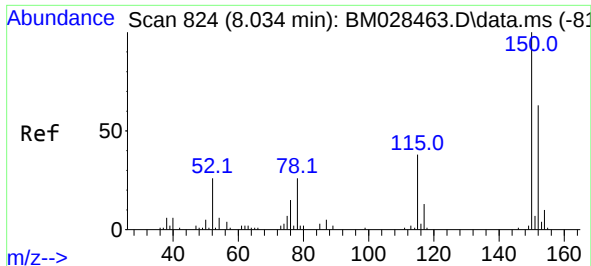
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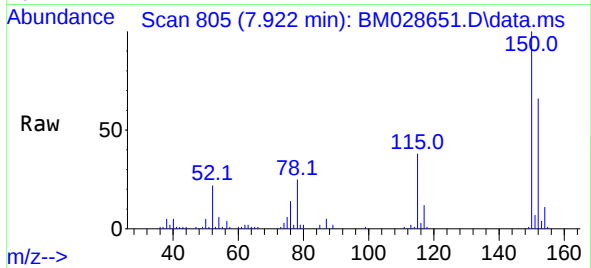
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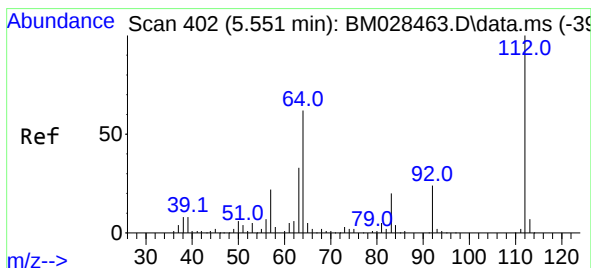
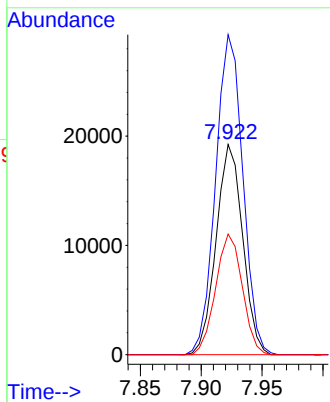
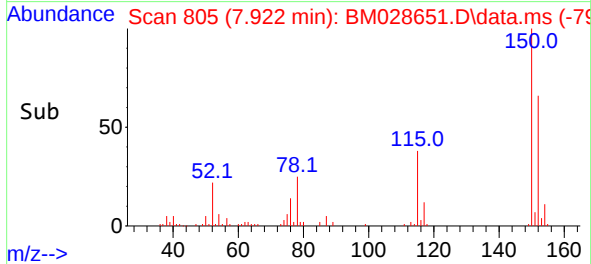




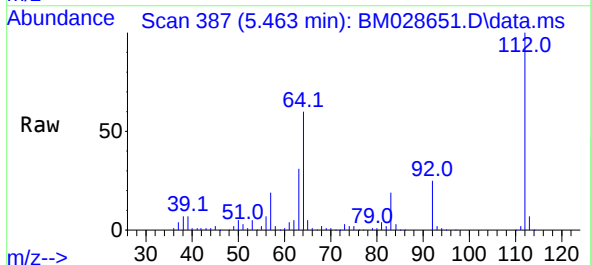
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



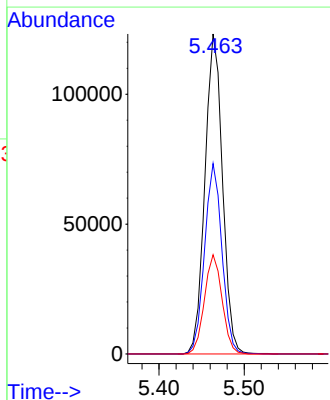
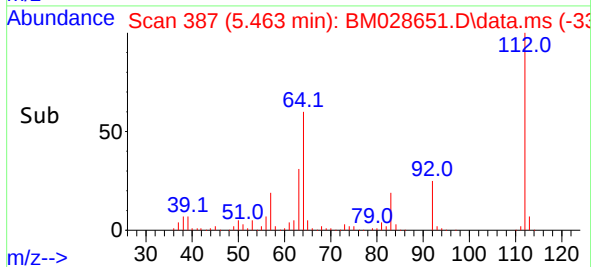
Tgt Ion:152 Resp: 29202
Ion Ratio Lower Upper
152 100
150 152.2 120.6 181.0
115 57.3 47.2 70.8



#5
2-Fluorophenol
Concen: 95.32 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



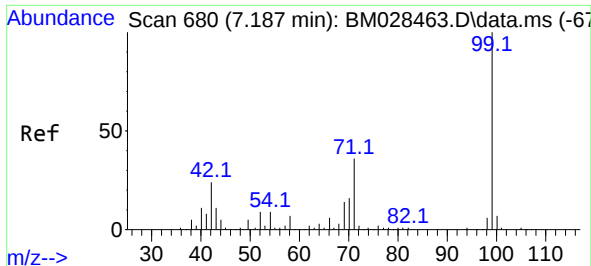
Tgt Ion:112 Resp: 176217
Ion Ratio Lower Upper
112 100
64 59.5 50.6 76.0
63 31.0 31.0 46.6#



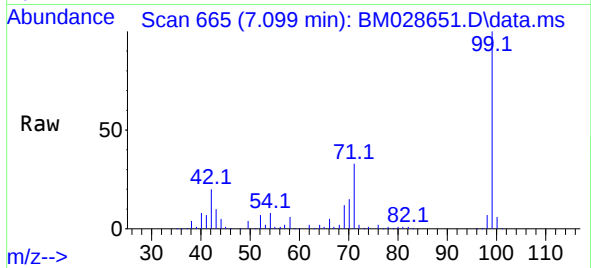
Instrument :
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ClientSampleId :
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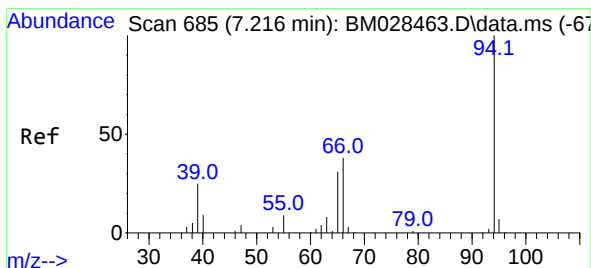
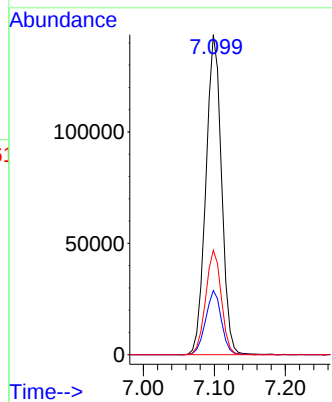
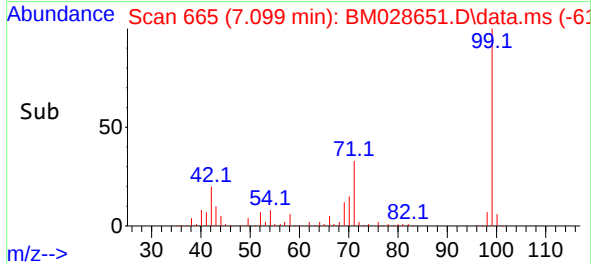
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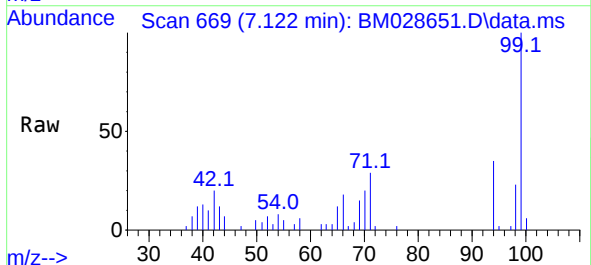
#7
Phenol-d6
Concen: 87.69 ng
RT: 7.099 min Scan# 665
Delta R.T. -0.024 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



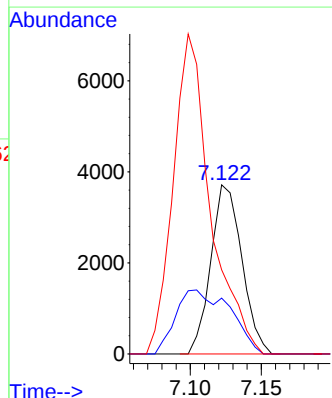
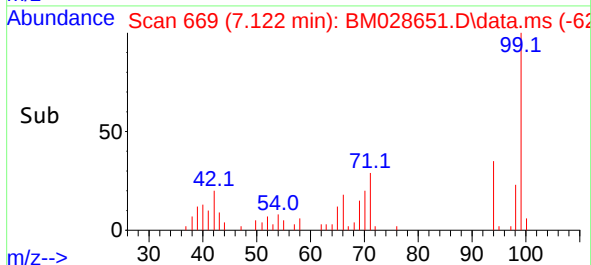
Tgt Ion: 99 Resp: 220710
Ion Ratio Lower Upper
99 100
42 20.1 13.5 20.3
71 32.6 39.4 59.0#



#10
Phenol
Concen: 2.38 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.024 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



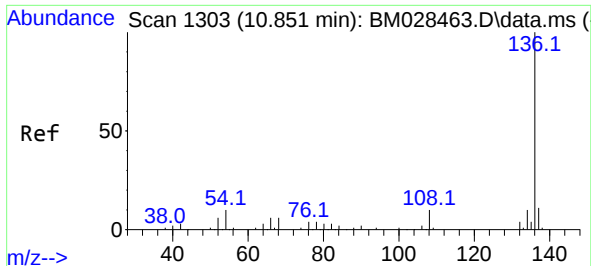
Tgt Ion: 94 Resp: 5648
Ion Ratio Lower Upper
94 100
65 33.0 16.4 56.4
66 49.8 30.2 70.2



Instrument :
BNA_M
ClientSampleId :
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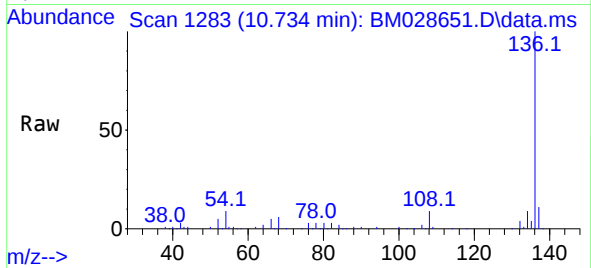
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.734 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

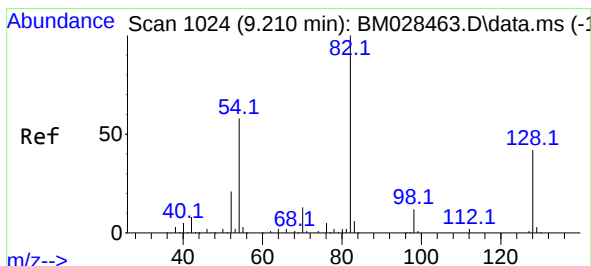
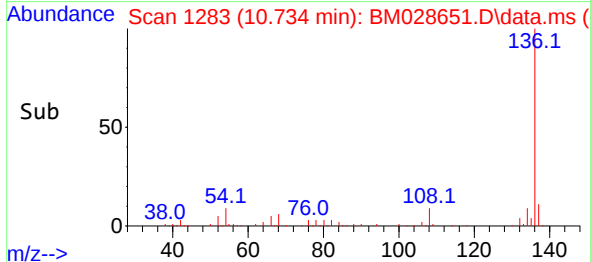
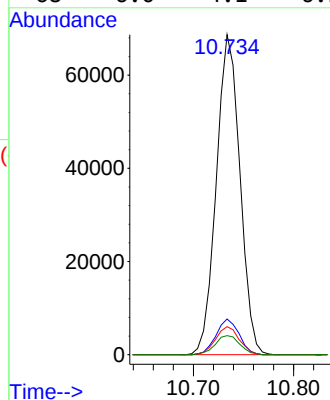


Tgt Ion: 136 Resp: 112151

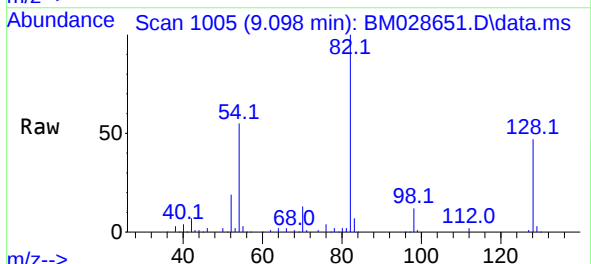
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.8	4.6	7.0#
68	6.0	4.1	6.1

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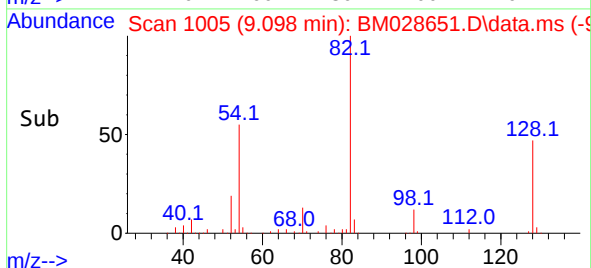
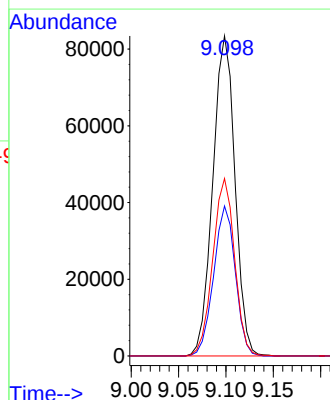


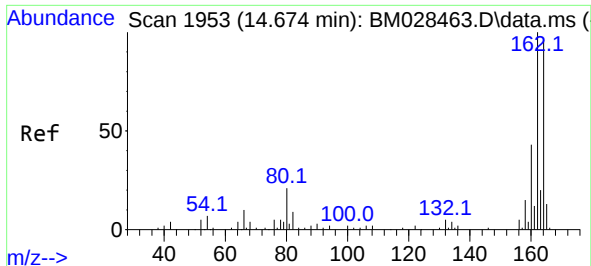
#23
Nitrobenzene-d5
Concen: 57.52 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



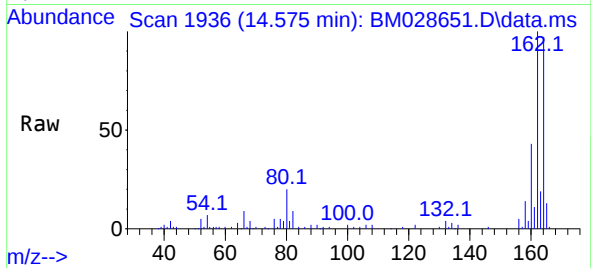
Tgt Ion: 82 Resp: 136010

Ion	Ratio	Lower	Upper
82	100		
128	46.8	27.4	41.0#
54	55.5	31.4	47.0#

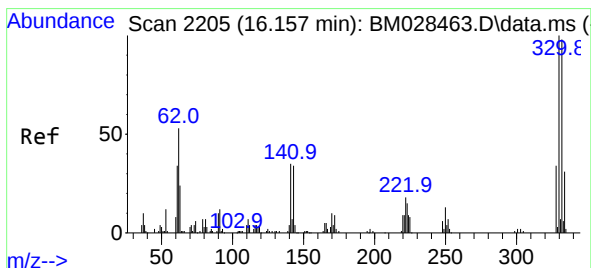
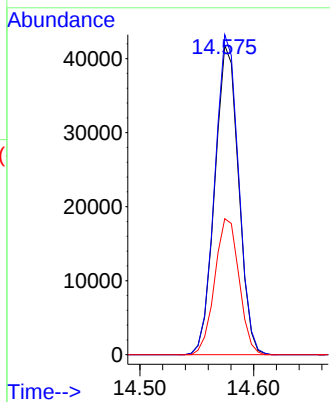
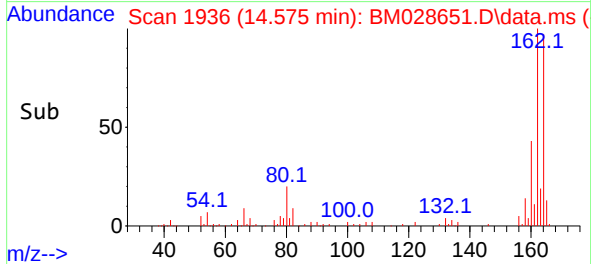




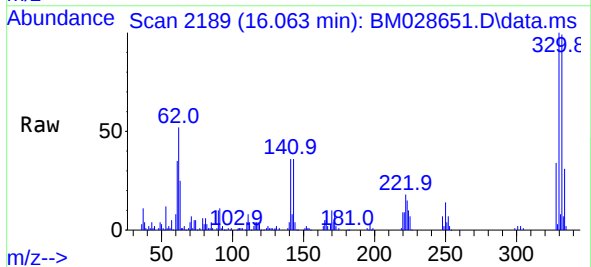
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.575 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



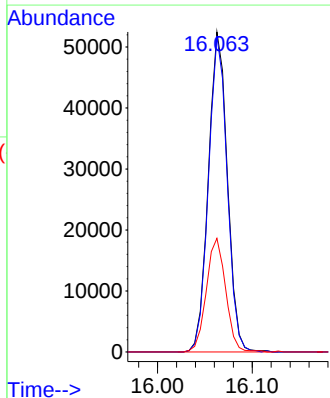
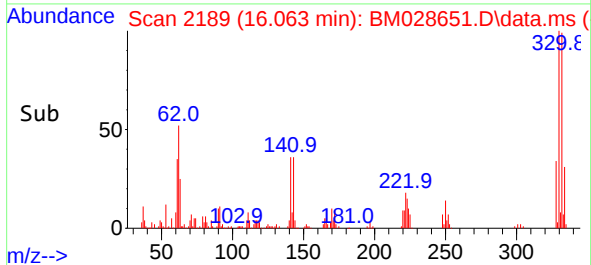
Tgt Ion:164 Resp: 60835
Ion Ratio Lower Upper
164 100
162 103.4 80.4 120.6
160 44.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 90.79 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



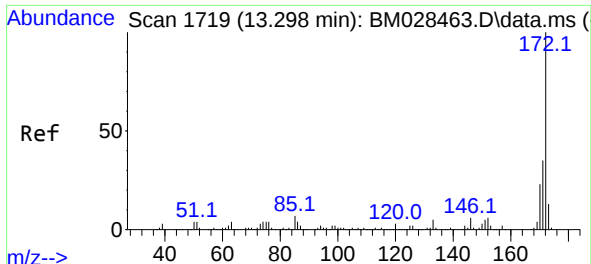
Tgt Ion:330 Resp: 73183
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 36.1 28.4 42.6



Instrument :
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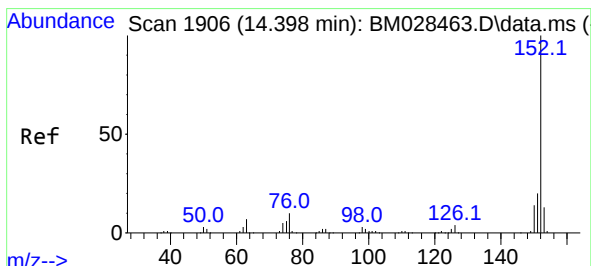
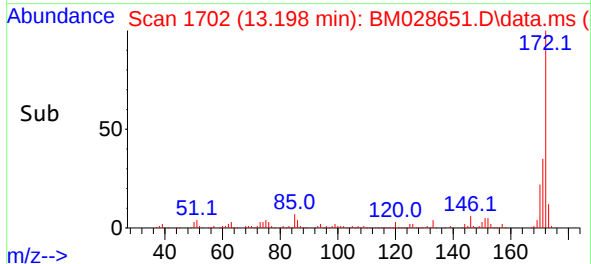
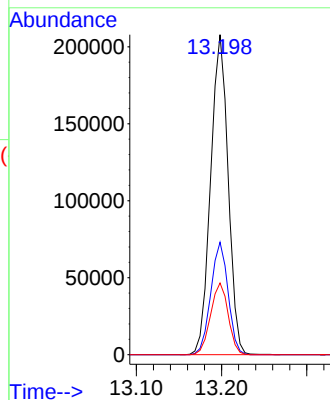
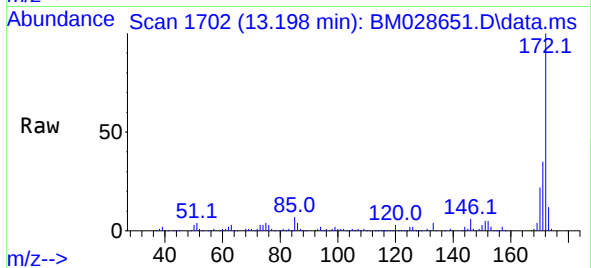
#45
2-Fluorobiphenyl
Concen: 61.24 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:172	Resp:	296956
Ion Ratio	Lower	Upper
172	100	
171	35.1	27.8 41.8
170	22.4	18.6 27.8

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

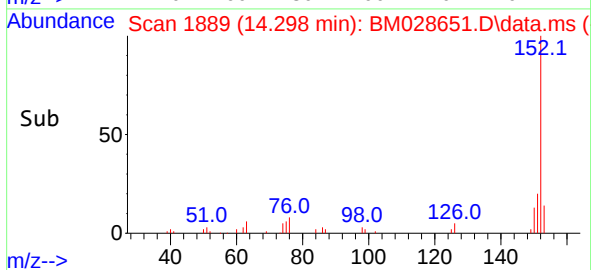
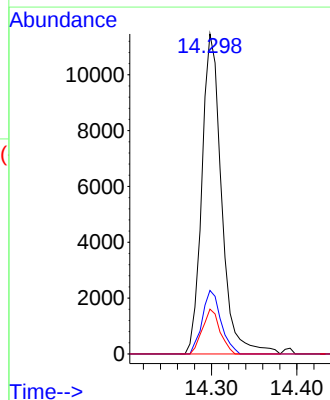
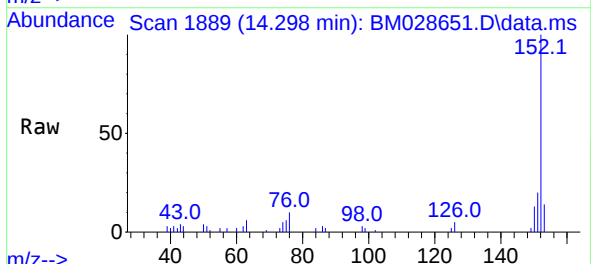
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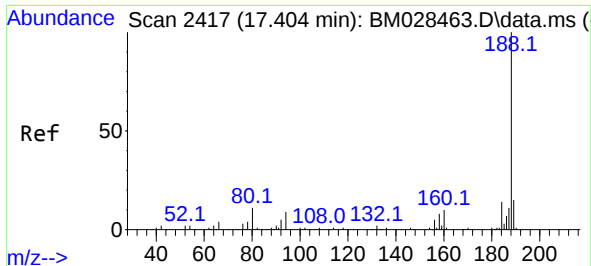
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#49
Acenaphthylene
Concen: 2.93 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:152	Resp:	18416
Ion Ratio	Lower	Upper
152	100	
151	19.8	15.8 23.6
153	14.0	10.4 15.6





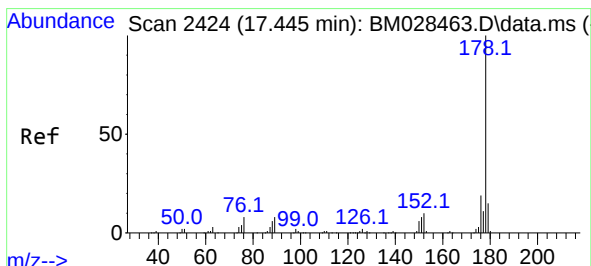
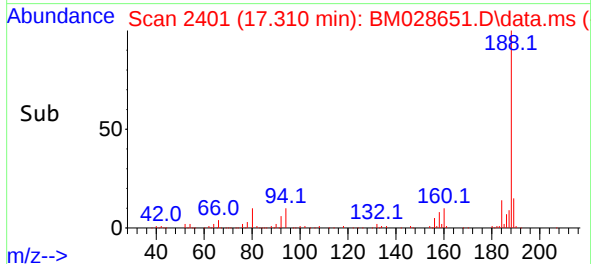
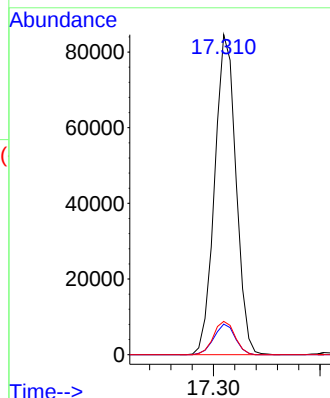
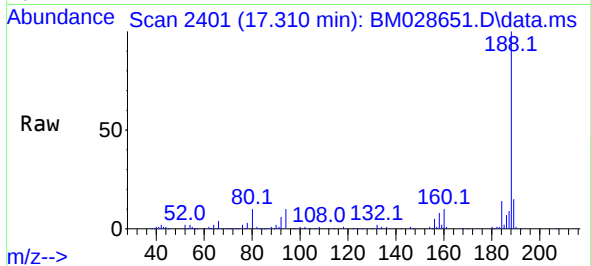
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:188 Resp: 117176
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.4#
80 10.4 7.5 11.3

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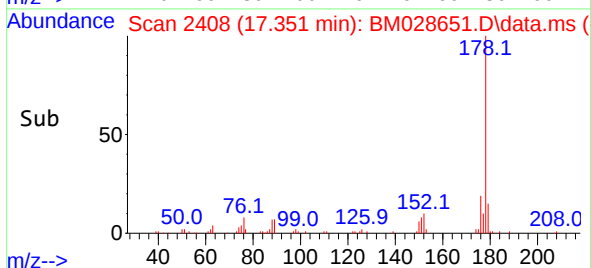
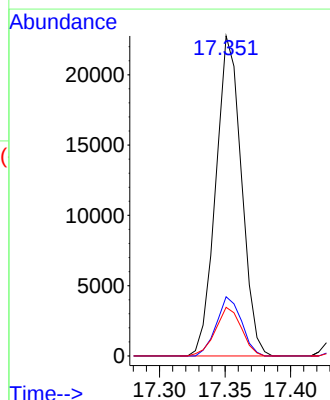
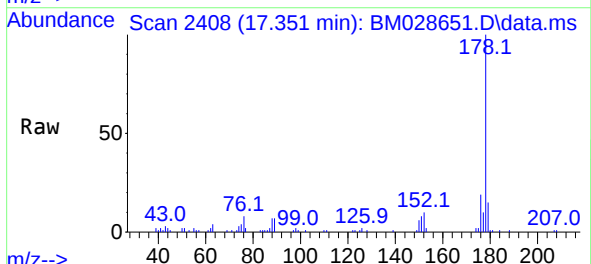
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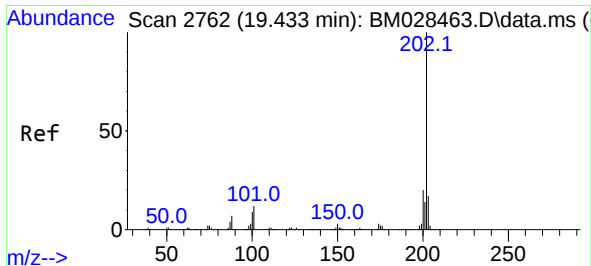
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#71
Phenanthrene
Concen: 4.28 ng
RT: 17.351 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BM028651.D
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Tgt Ion:178 Resp: 30875
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.2 18.4





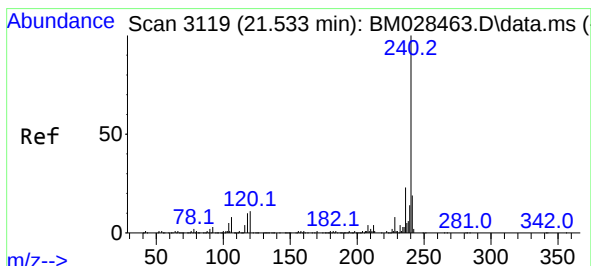
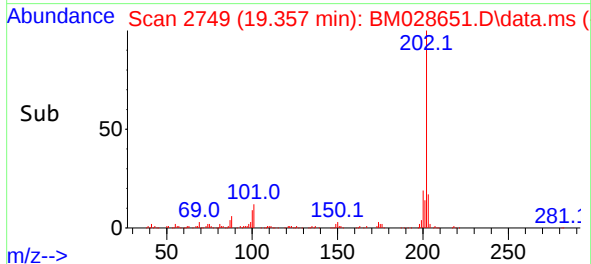
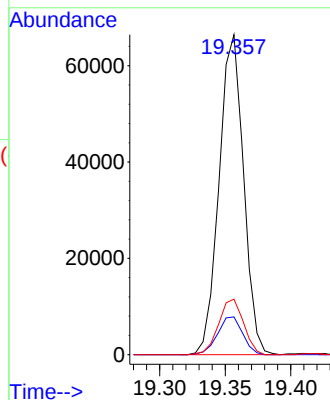
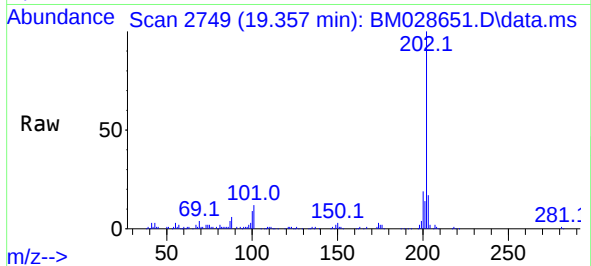
#75
Fluoranthene
Concen: 10.64 ng
RT: 19.357 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:	202	Resp:	86138
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	28.5
203	17.4	0.0	37.3

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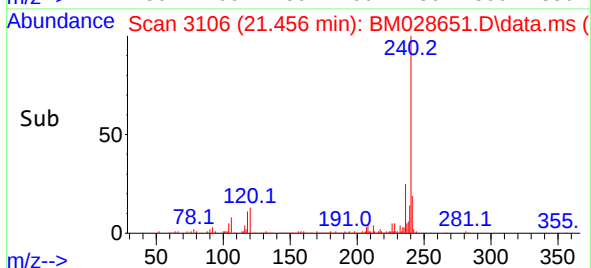
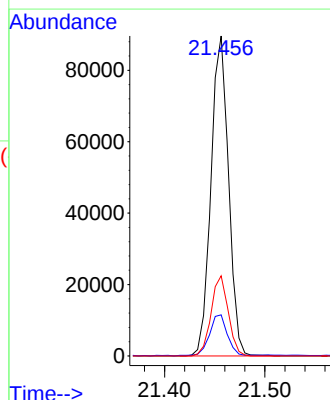
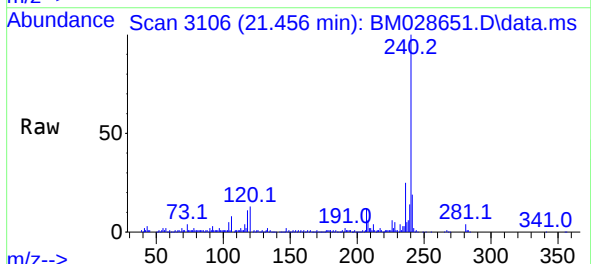
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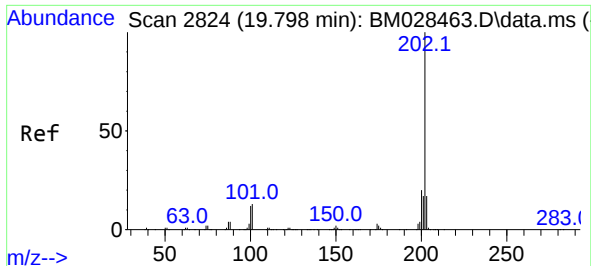
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

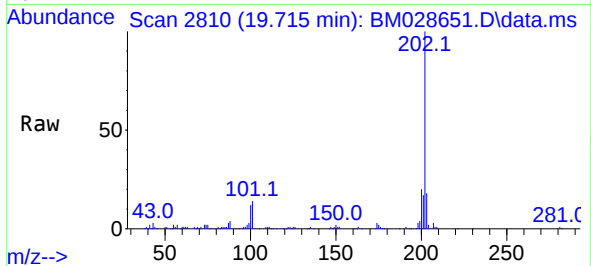
Tgt Ion:	240	Resp:	109195
Ion Ratio	Lower	Upper	
240	100		
120	12.8	6.4	9.6#
236	25.0	20.1	30.1





#78
Pyrene
Concen: 11.18 ng
RT: 19.715 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

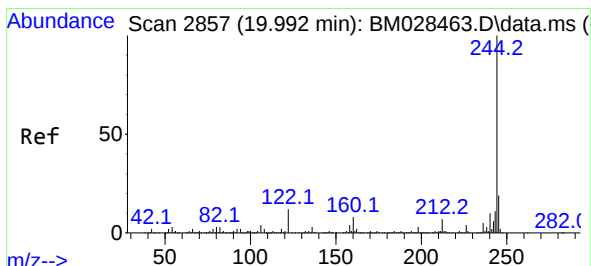
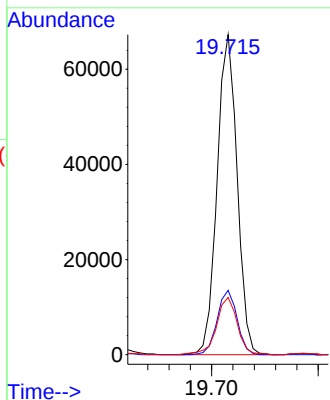
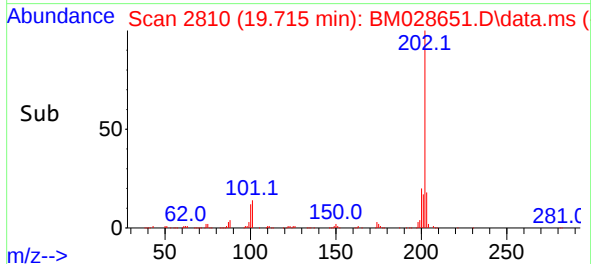


Tgt Ion:202 Resp: 87572

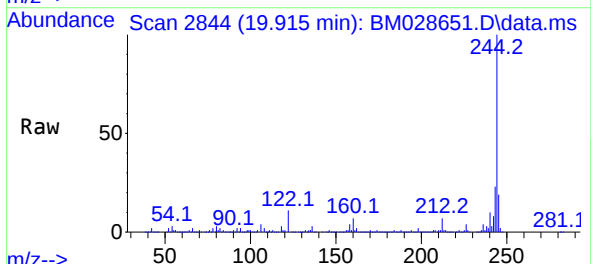
Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.9	13.8	20.6

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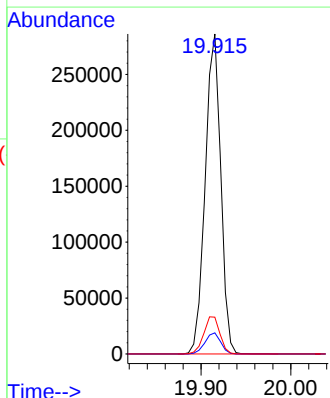
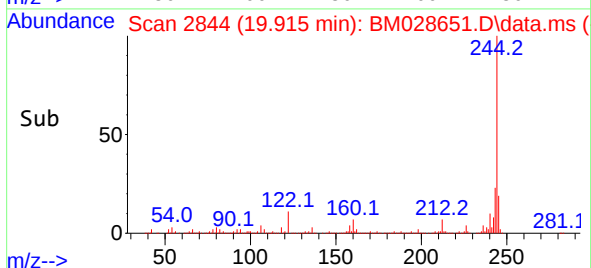


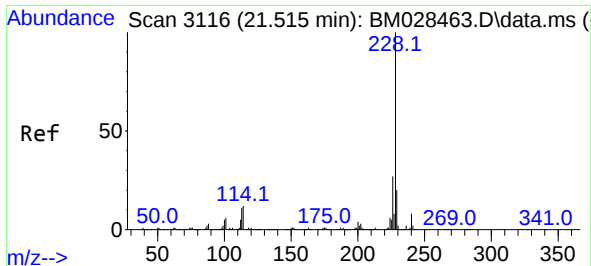
#79
Terphenyl-d14
Concen: 56.88 ng
RT: 19.915 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14



Tgt Ion:244 Resp: 343949

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.5	6.5	9.7#





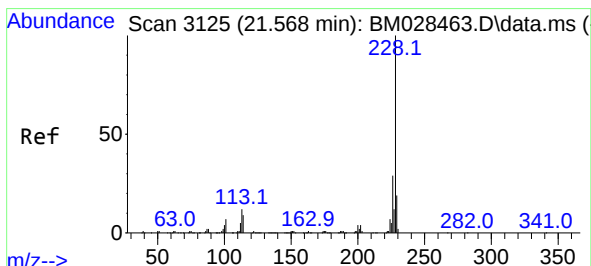
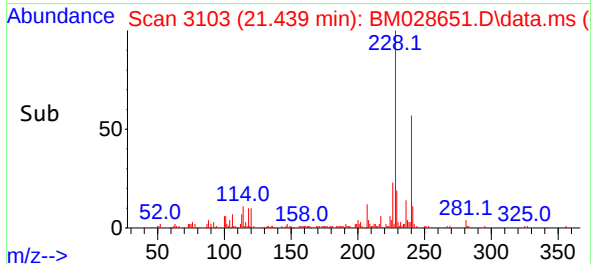
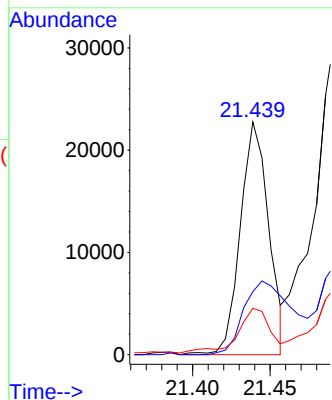
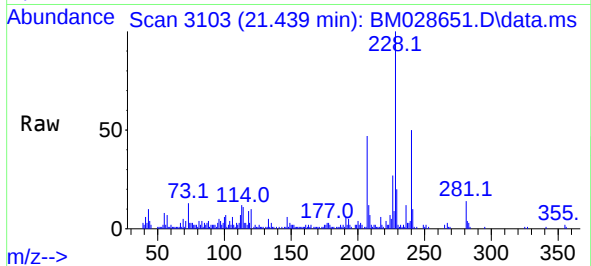
#81
Benzo(a)anthracene
Concen: 3.85 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:228 Resp: 29050
Ion Ratio Lower Upper
228 100
226 27.1 21.1 31.7
229 19.9 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

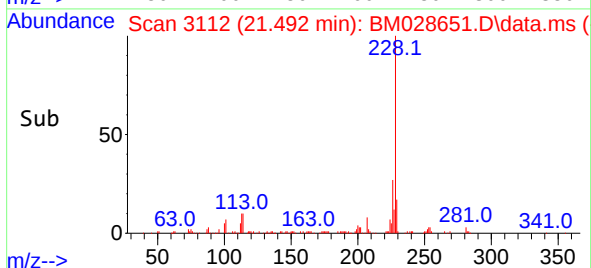
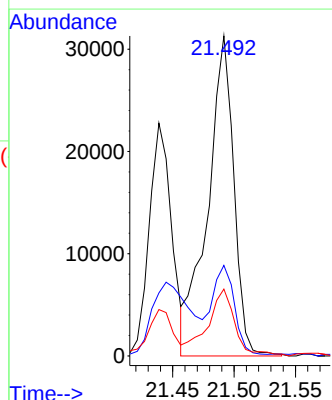
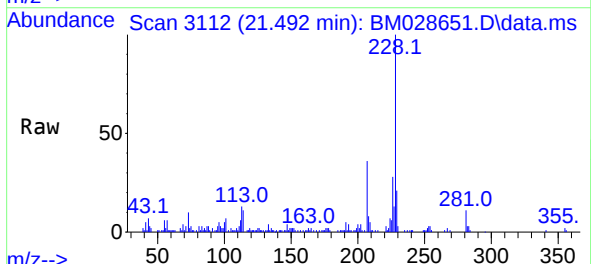
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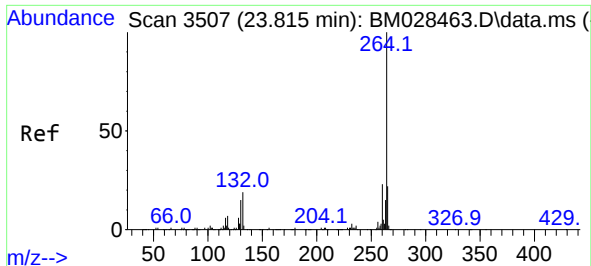
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#83
Chrysene
Concen: 6.37 ng m
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:228 Resp: 46392
Ion Ratio Lower Upper
228 100
226 28.3 23.4 35.0
229 20.9 15.7 23.5





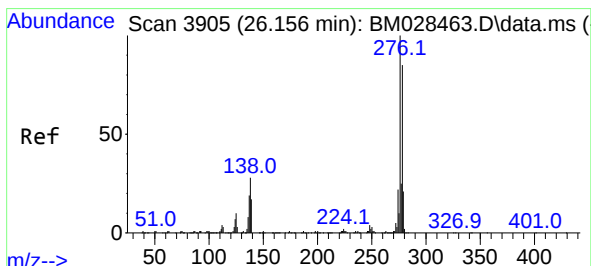
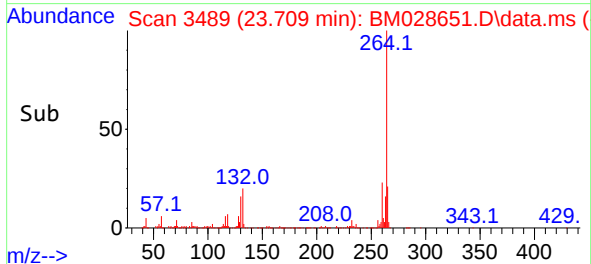
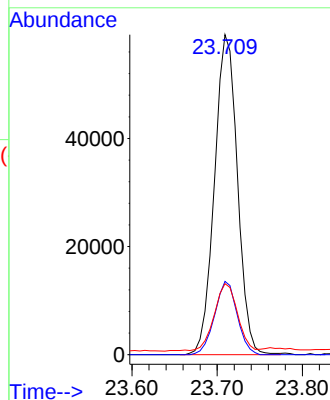
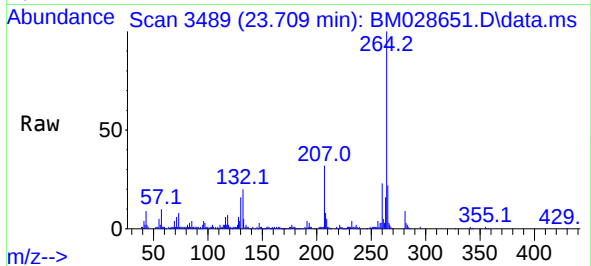
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.709 min Scan# 3489
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:264 Resp: 111109
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 22.2 17.7 26.5

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

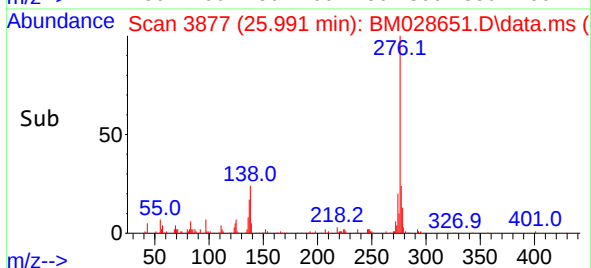
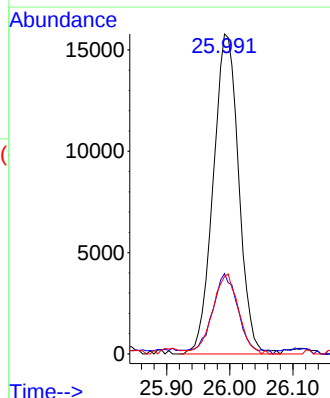
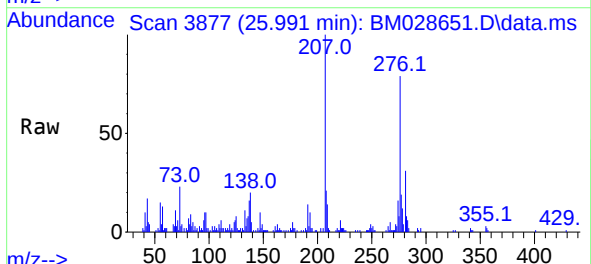
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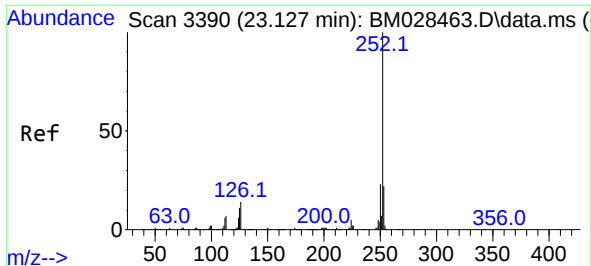
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.34 ng
RT: 25.991 min Scan# 3877
Delta R.T. -0.041 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:276 Resp: 44217
Ion Ratio Lower Upper
276 100
138 25.6 14.2 21.4#
277 25.5 19.8 29.8





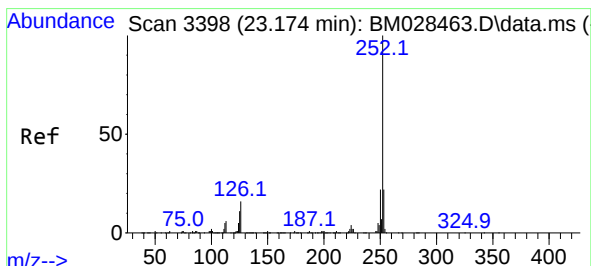
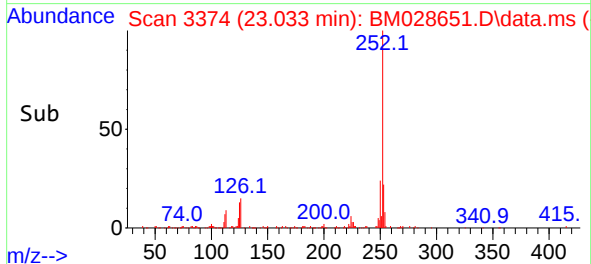
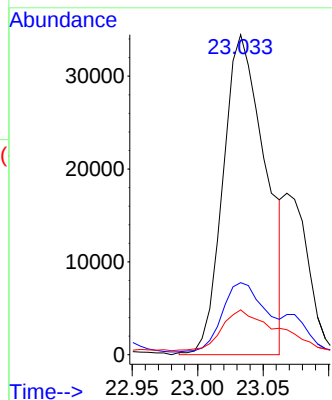
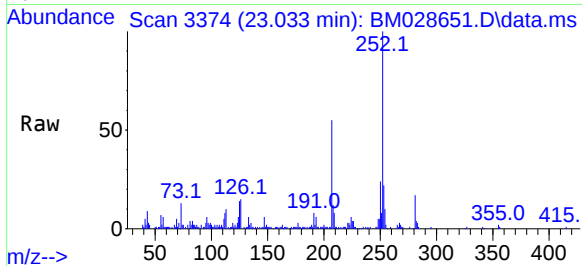
#88
Benzo(b)fluoranthene
Concen: 10.32 ng m
RT: 23.033 min Scan# 3374
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:252 Resp: 77835
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 14.0 5.7 8.5#

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

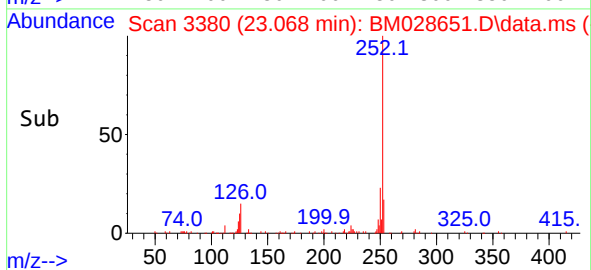
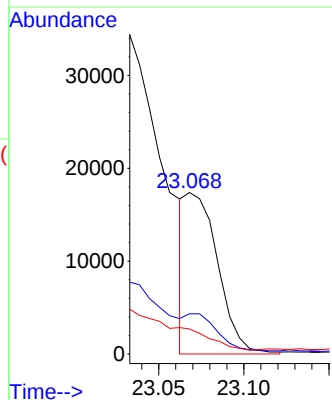
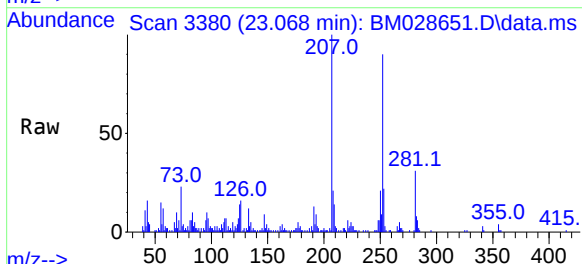
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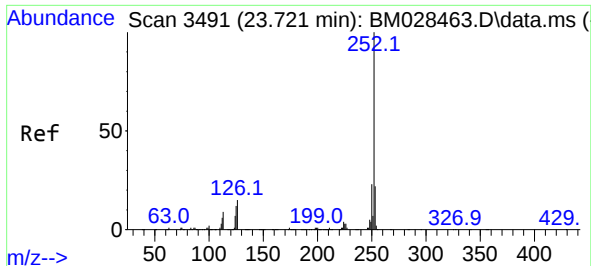
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#89
Benzo(k)fluoranthene
Concen: 3.10 ng m
RT: 23.068 min Scan# 3380
Delta R.T. -0.024 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:252 Resp: 22800
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 15.4 5.6 8.4#





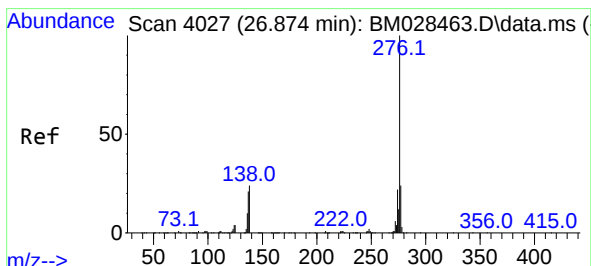
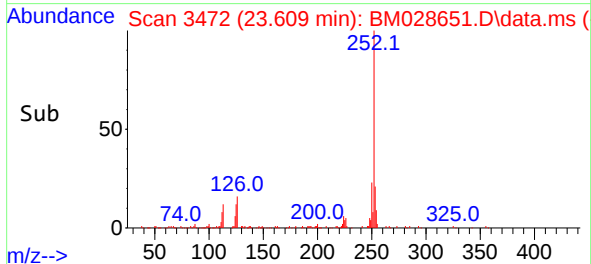
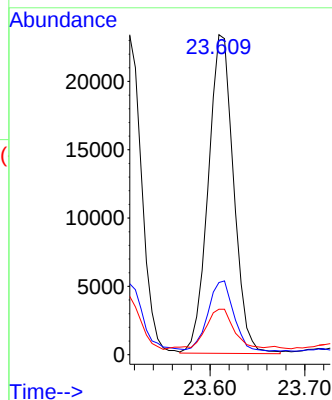
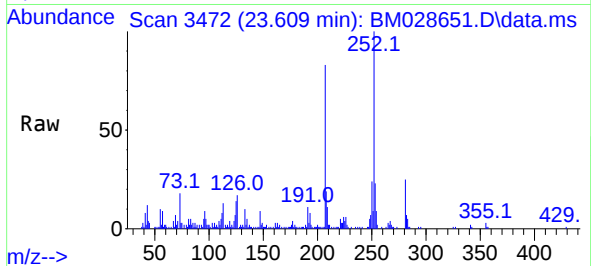
#90
Benzo(a)pyrene
Concen: 6.21 ng
RT: 23.609 min Scan# 3472
Delta R.T. -0.024 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:252 Resp: 43384
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 14.2 6.6 9.8#

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

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#92
Benzo(g,h,i)perylene
Concen: 6.81 ng
RT: 26.703 min Scan# 3998
Delta R.T. -0.029 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:276 Resp: 45907
Ion Ratio Lower Upper
276 100
277 22.8 18.6 28.0
138 24.8 12.2 18.2#

