

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029678.D
 Acq On : 27 Apr 2021 17:51
 Operator : CG/JU
 Sample : M2170-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-1

Manual Integrations
 APPROVED

mohammad
 4/28/2021 11:00:36 AM

Quant Time: Apr 27 18:26:42 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	7.610	152	77783	20.00	ng	-0.01
21) Naphthalene-d8	10.392	136	274229	20.00	ng	0.00
39) Acenaphthene-d10	14.257	164	186656	20.00	ng	-0.01
64) Phenanthrene-d10	17.003	188	411261	20.00	ng	0.00
76) Chrysene-d12	21.191	240	478923	20.00	ng	0.00
86) Perylene-d12	23.374	264	485413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	426854	110.02	ng	0.00
7) Phenol-d6	6.792	99	524883	90.58	ng	0.00
23) Nitrobenzene-d5	8.763	82	350249	65.78	ng	-0.01
42) 2,4,6-Tribromophenol	15.751	330	278248	107.79	ng	-0.01
45) 2-Fluorobiphenyl	12.874	172	927507	67.44	ng	-0.01
79) Terphenyl-d14	19.639	244	1472512	58.29	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.721	163	36671	2.60	ng	100
52) Acenaphthene	14.321	154	63863	6.09	ng	99
55) Dibenzofuran	14.657	168	41686	2.35	ng	# 96
58) Fluorene	15.309	166	61788	4.16	ng	97
71) Phenanthrene	17.045	178	1467222	61.96	ng	100
72) Anthracene	17.133	178	343896	14.72	ng	100
73) Carbazole	17.409	167	63134	2.88	ng	97
75) Fluoranthene	19.068	202	2256137	78.57	ng	98
78) Pyrene	19.433	202	2354459	76.41	ng	99
81) Benzo(a)anthracene	21.174	228	1308966	41.31	ng	99
83) Chrysene	21.227	228	1193955	38.35	ng	97
87) Indeno(1,2,3-cd)pyrene	25.568	276	728841	19.42	ng	# 96
88) Benzo(b)fluoranthene	22.727	252	1547255m	48.88	ng	
89) Benzo(k)fluoranthene	22.762	252	451398m	14.23	ng	
90) Benzo(a)pyrene	23.285	252	1081736	36.40	ng	97
91) Dibenzo(a,h)anthracene	25.568	278	210014m	6.49	ng	
92) Benzo(g,h,i)perylene	26.238	276	727702	24.32	ng	98

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

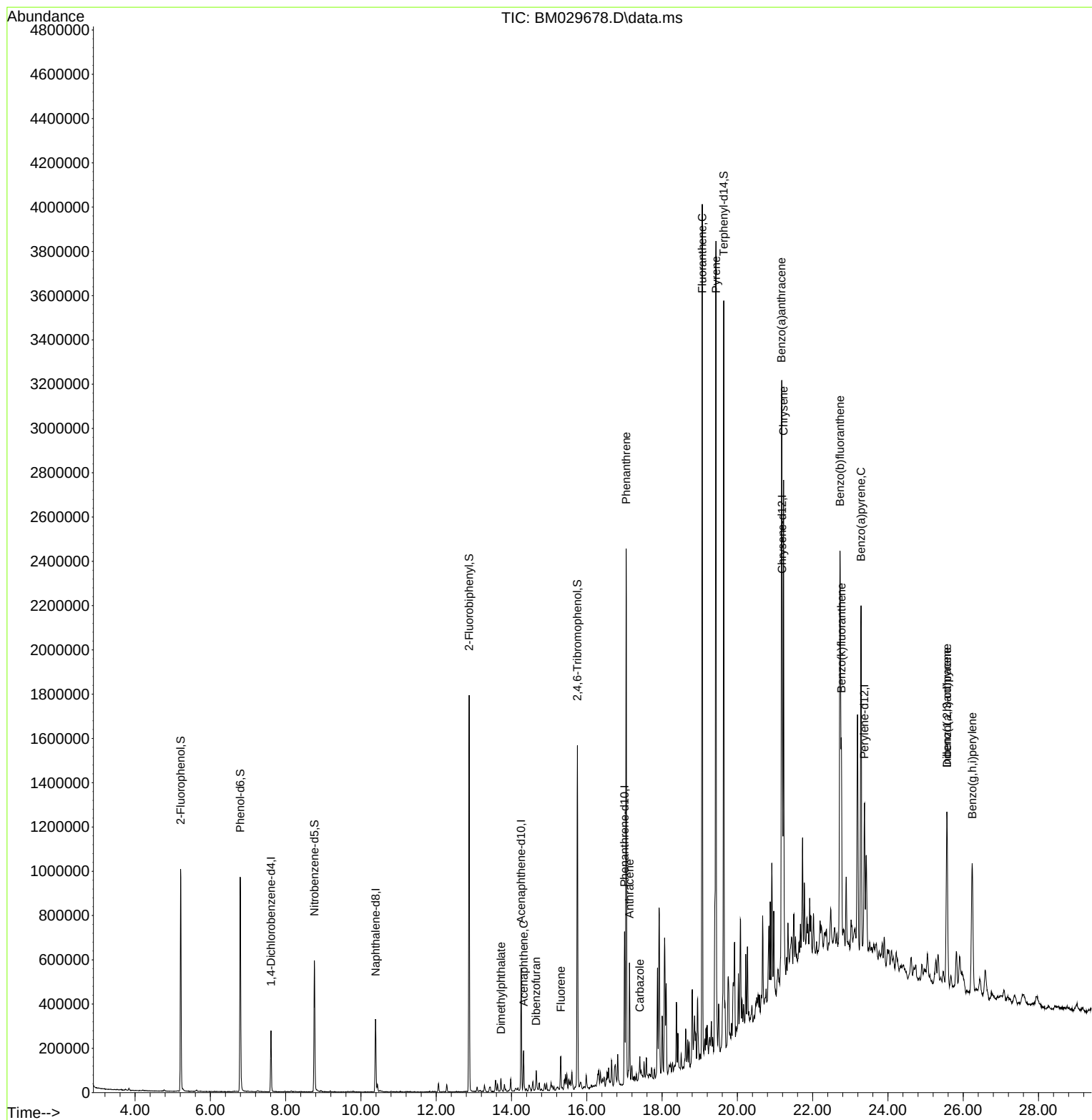
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029678.D
Acq On : 27 Apr 2021 17:51
Operator : CG/JU
Sample : M2170-07
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ALS Vial : 11 Sample Multiplier: 1

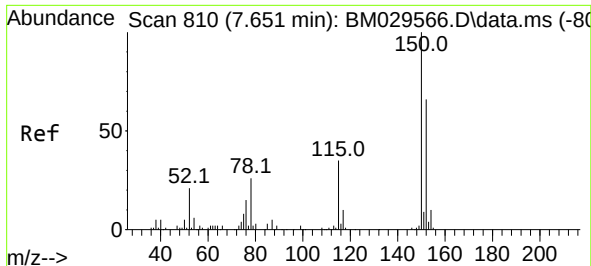
Instrument :
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ClientSampleId :
DS-1

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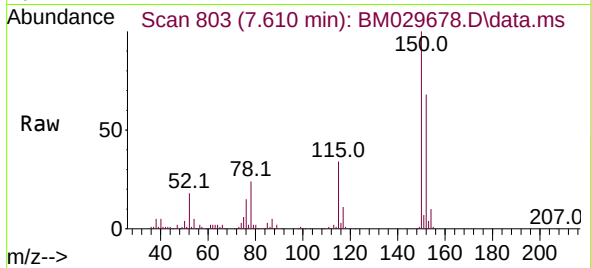
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Quant Time: Apr 27 18:26:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
Response via : Initial Calibration

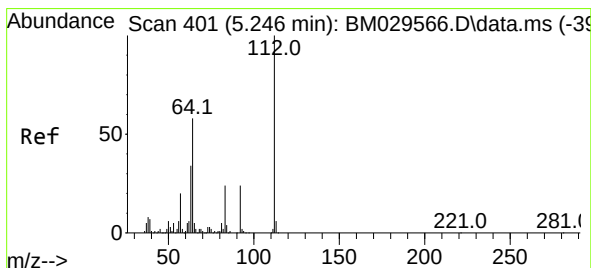
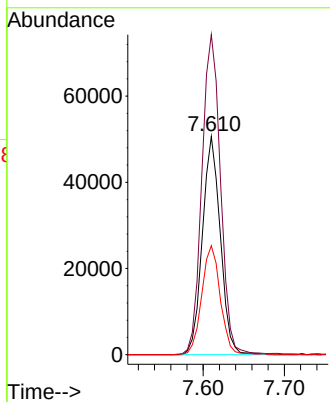
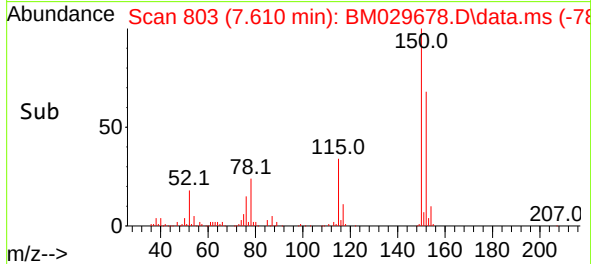




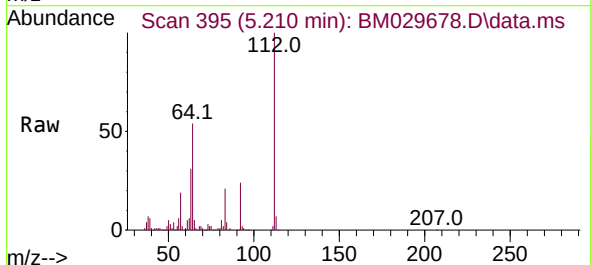
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



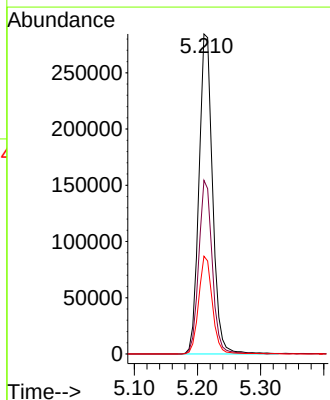
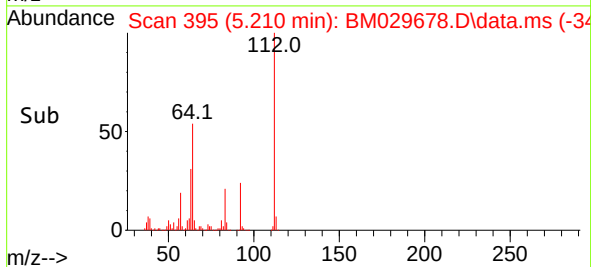
Tgt Ion:152 Resp: 77783
Ion Ratio Lower Upper
152 100
150 146.6 125.9 188.9
115 49.9 44.6 67.0



#5
2-Fluorophenol
Concen: 110.02 ng
RT: 5.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



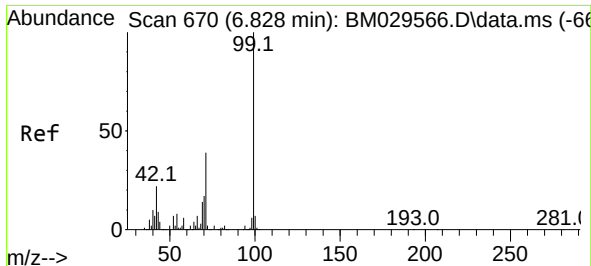
Tgt Ion:112 Resp: 426854
Ion Ratio Lower Upper
112 100
64 54.2 47.1 70.7
63 30.6 27.3 40.9



Instrument :
BNA_M
ClientSampleId :
DS-1

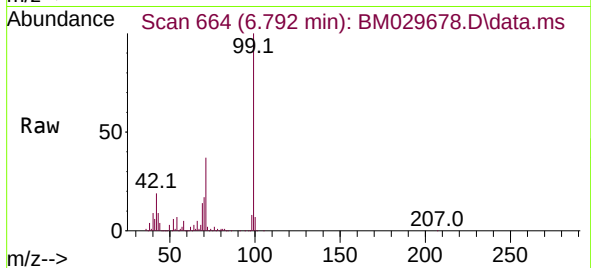
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#7
Phenol-d6
Concen: 90.58 ng
RT: 6.792 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

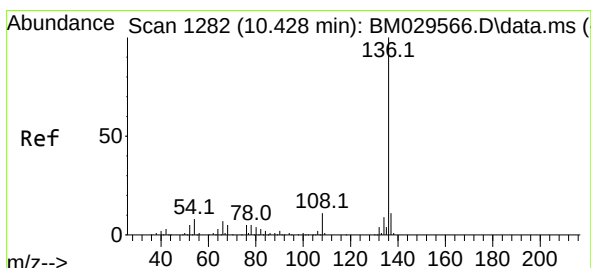
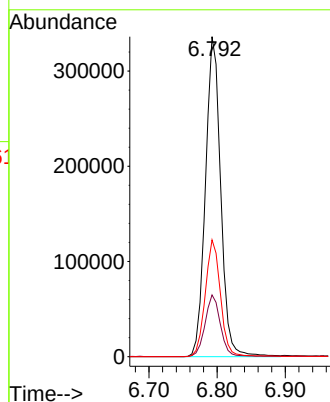
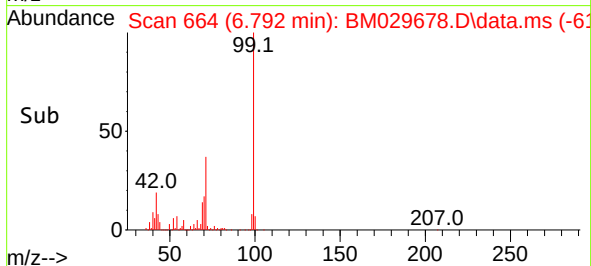
Instrument :
BNA_M
ClientSampled :
DS-1



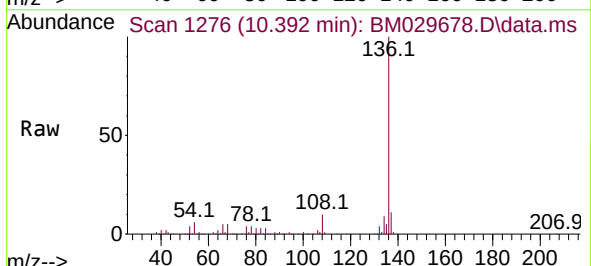
Tgt Ion: 99 Resp: 524883
Ion Ratio Lower Upper
99 100
42 19.3 18.0 27.0
71 36.5 30.9 46.3

Manual Integrations
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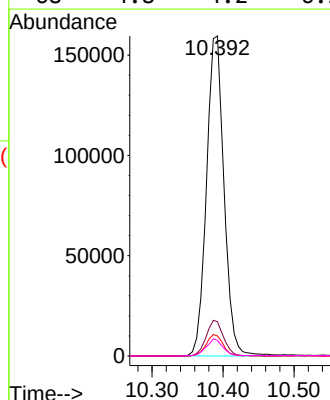
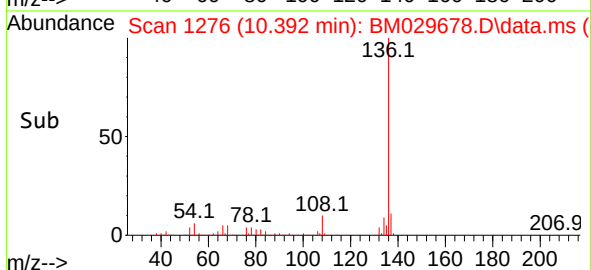
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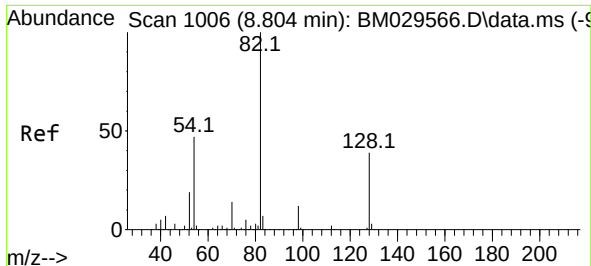


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

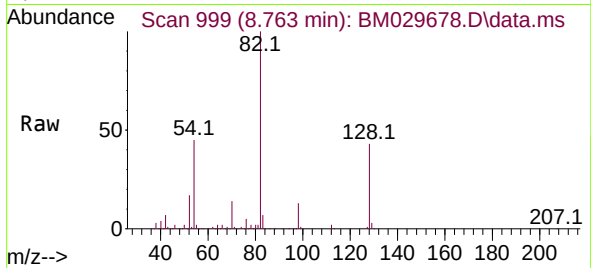


Tgt Ion: 136 Resp: 274229
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.3 5.5 8.3
68 4.8 4.2 6.2

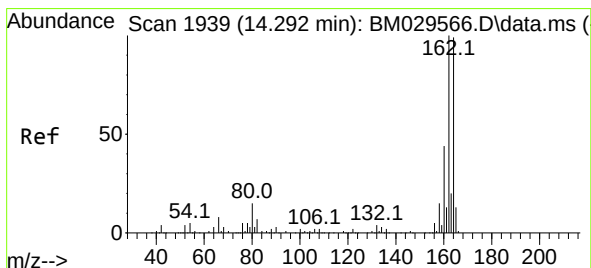
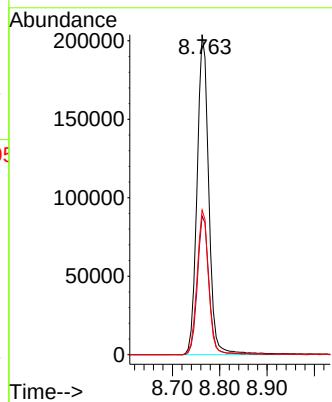
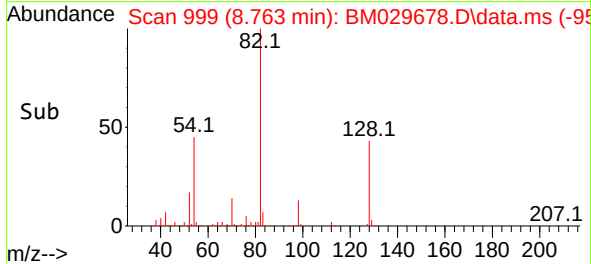




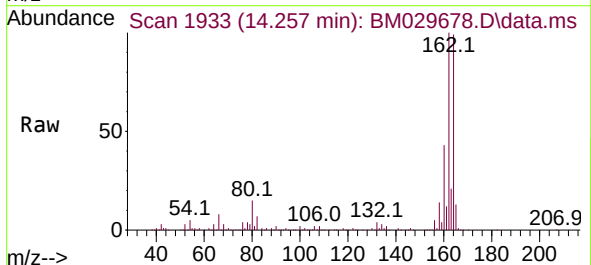
#23
Nitrobenzene-d5
Concen: 65.78 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



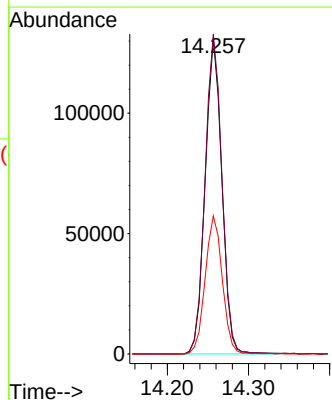
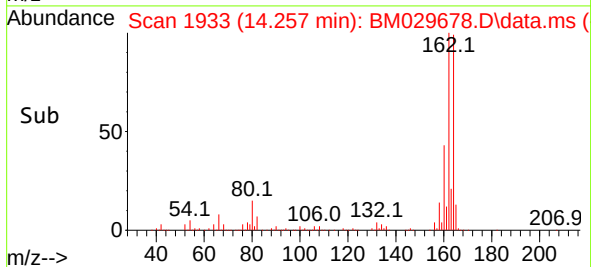
Tgt Ion: 82 Resp: 350249
Ion Ratio Lower Upper
82 100
128 43.3 31.1 46.7
54 45.2 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.257 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



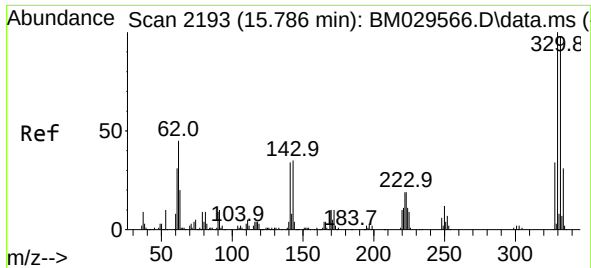
Tgt Ion: 164 Resp: 186656
Ion Ratio Lower Upper
164 100
162 101.4 83.4 125.0
160 43.8 37.2 55.8



Instrument :
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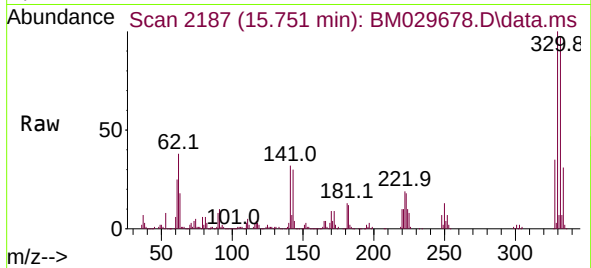
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#42
2,4,6-Tribromophenol
Concen: 107.79 ng
RT: 15.751 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

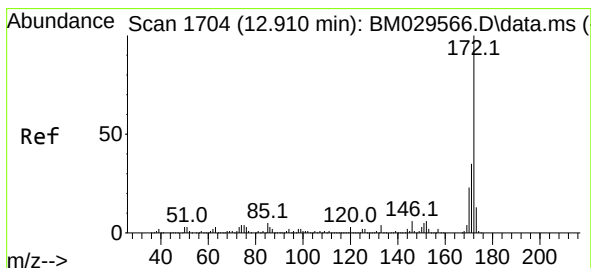
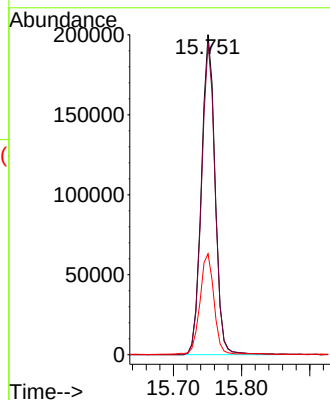
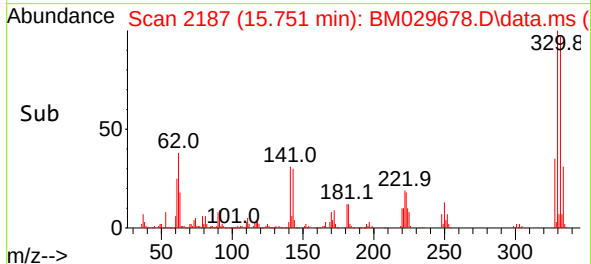
Instrument :
BNA_M
ClientSampled :
DS-1



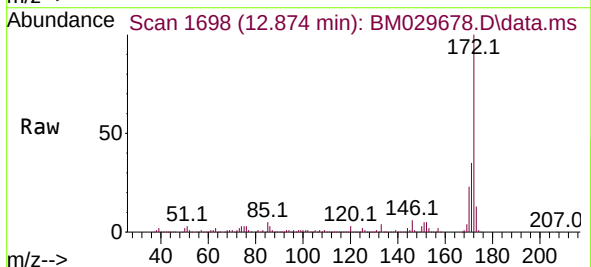
Tgt Ion:330 Resp: 278248
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 32.9 30.2 45.2

Manual Integrations
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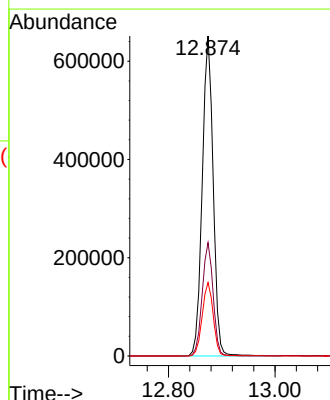
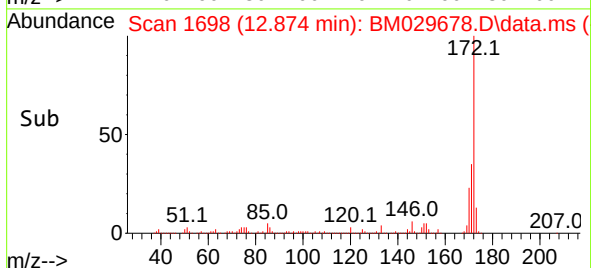
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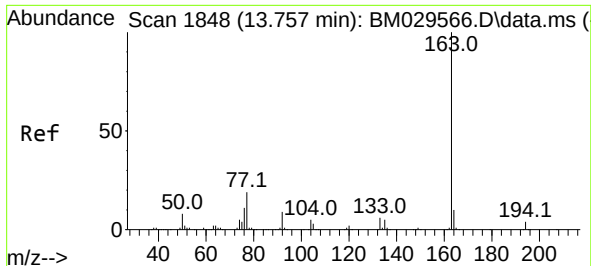


#45
2-Fluorobiphenyl
Concen: 67.44 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



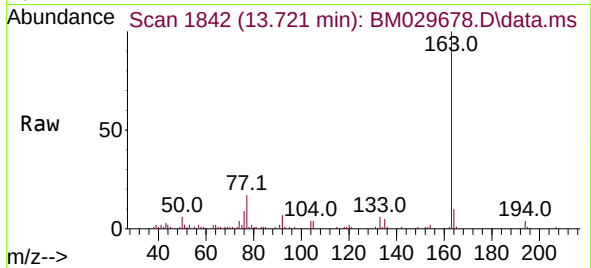
Tgt Ion:172 Resp: 927507
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.9 18.4 27.6





#50
Dimethylphthalate
Concen: 2.60 ng
RT: 13.721 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

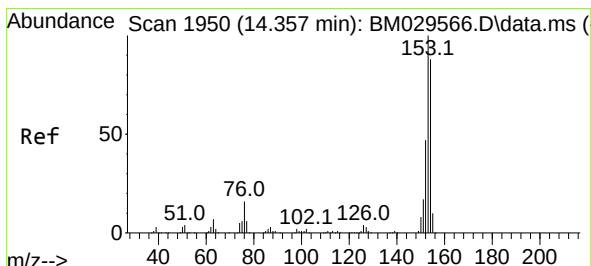
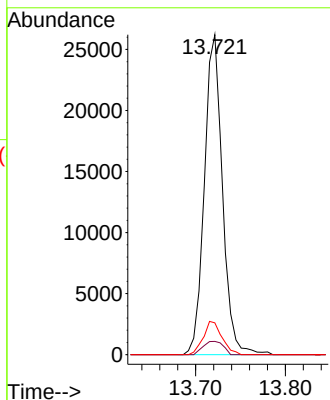
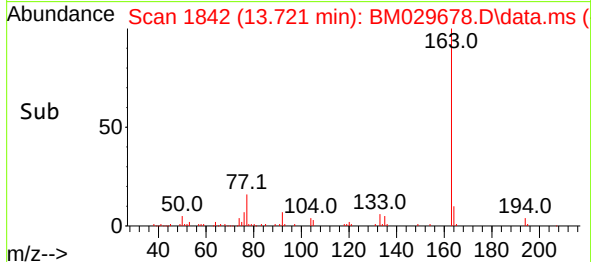
Instrument :
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ClientSampleId :
DS-1



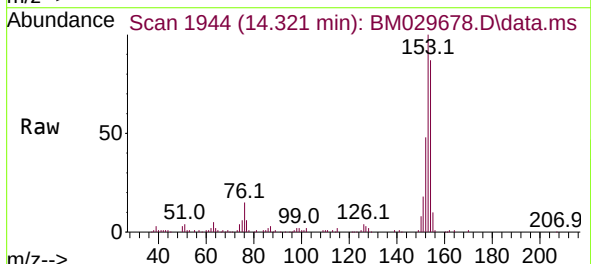
Tgt Ion:163 Resp: 36671
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 7.9 11.9

Manual Integrations
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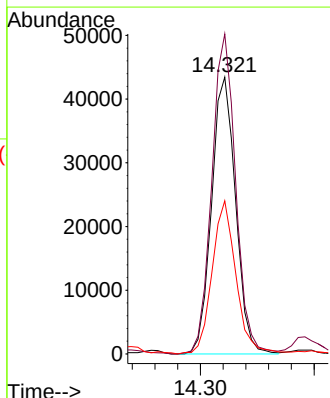
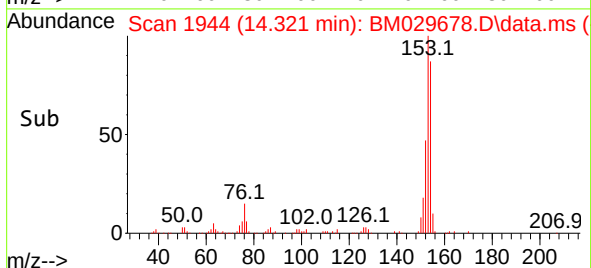
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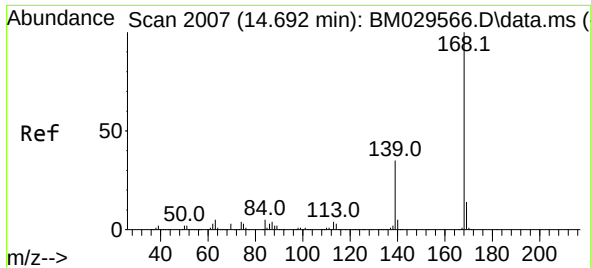


#52
Acenaphthene
Concen: 6.09 ng
RT: 14.321 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

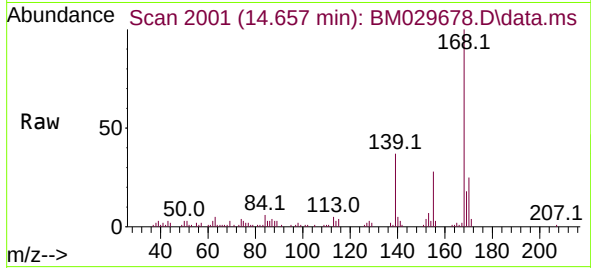


Tgt Ion:154 Resp: 63863
Ion Ratio Lower Upper
154 100
153 115.6 92.2 138.2
152 55.3 43.4 65.2

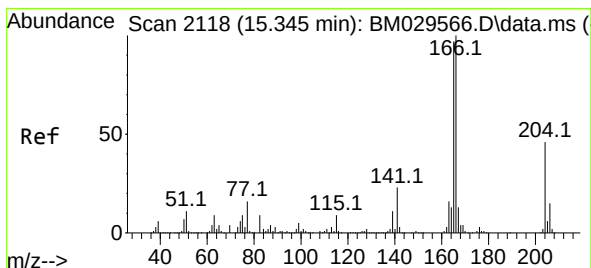
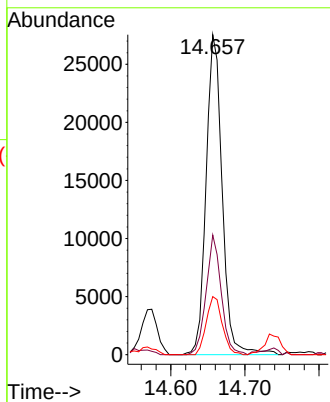
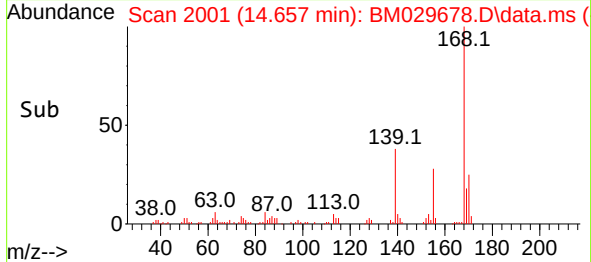




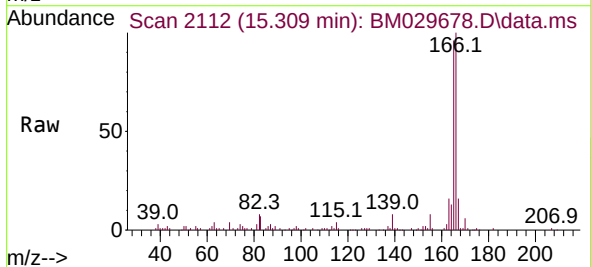
#55
Dibenzofuran
Concen: 2.35 ng
RT: 14.657 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



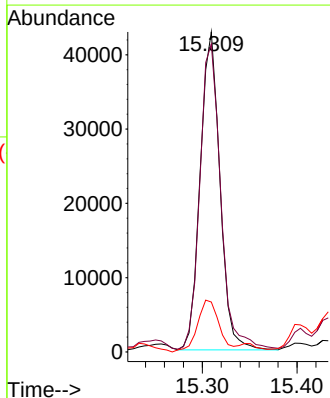
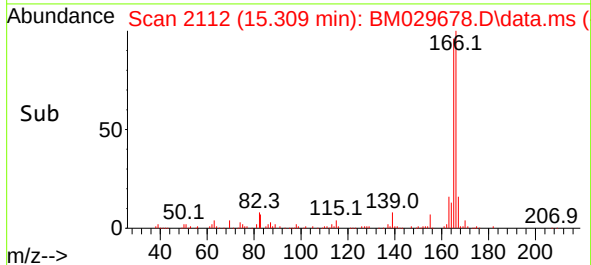
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Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0
169 18.2 10.8 16.2#



#58
Fluorene
Concen: 4.16 ng
RT: 15.309 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



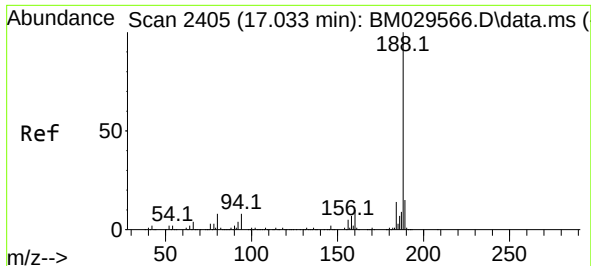
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Ion Ratio Lower Upper
166 100
165 96.2 79.0 118.6
167 15.6 10.8 16.2



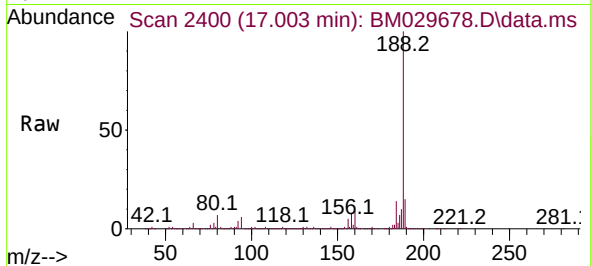
Instrument :
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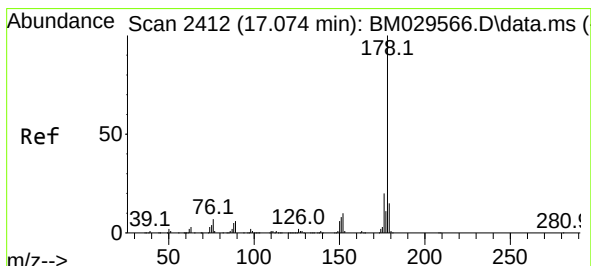
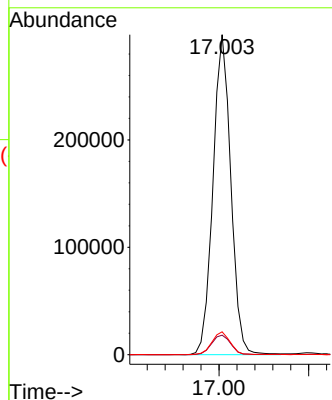
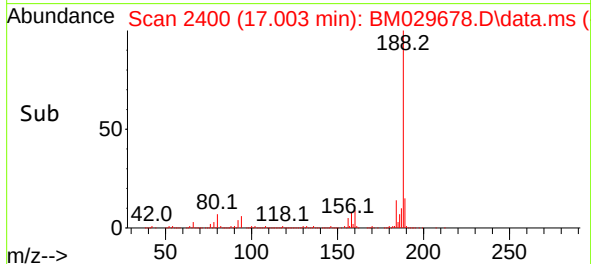
mohammad
4/28/2021 11:00:36 AM



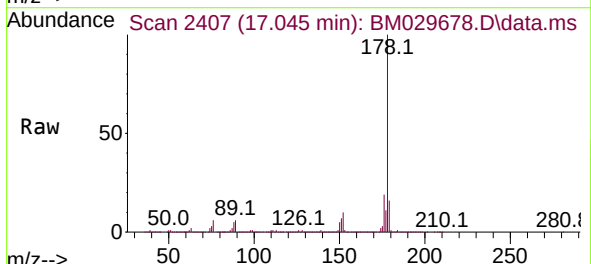
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.003 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



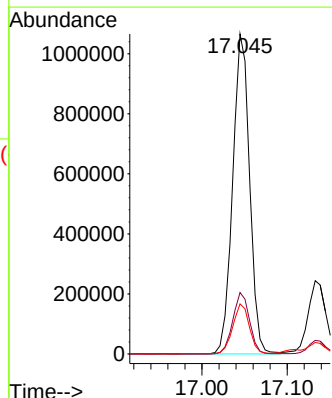
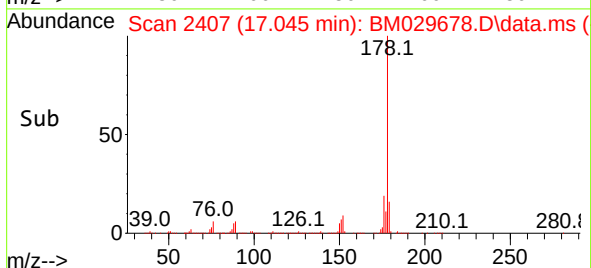
Tgt Ion:188 Resp: 411261
Ion Ratio Lower Upper
188 100
94 6.1 6.0 9.0
80 7.2 6.6 9.8



#71
Phenanthrene
Concen: 61.96 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



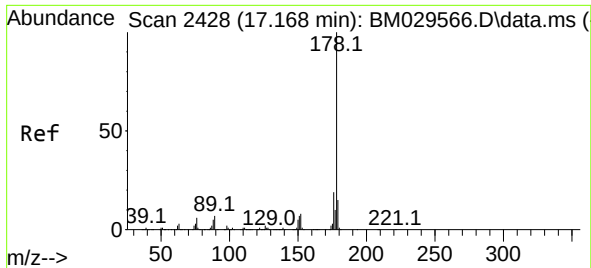
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Ion Ratio Lower Upper
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179 15.7 12.2 18.4



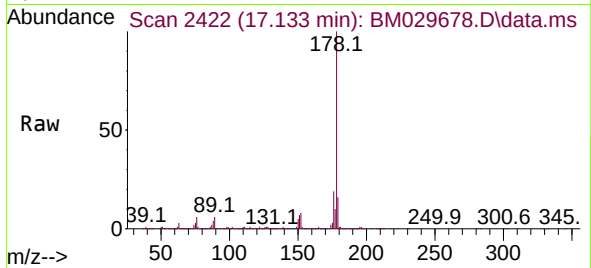
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BNA_M
ClientSampled :
DS-1

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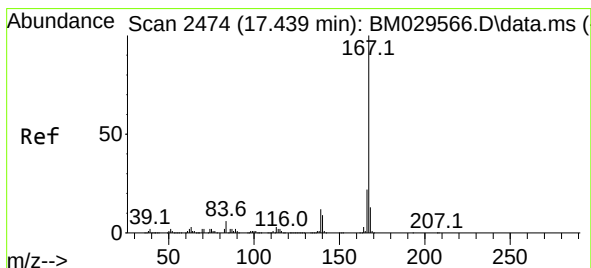
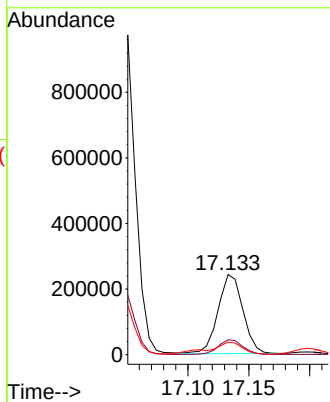
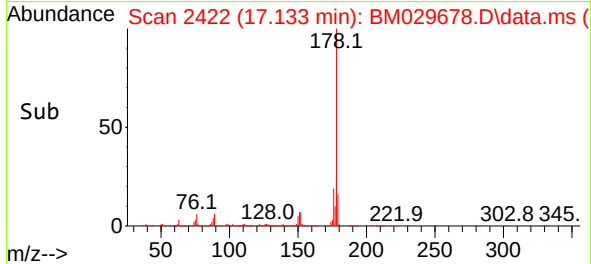
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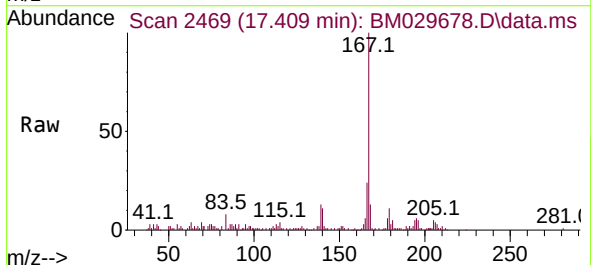
#72
 Anthracene
 Concen: 14.72 ng
 RT: 17.133 min Scan# 2422
 Delta R.T. -0.012 min
 Lab File: BM029678.D
 Acq: 27 Apr 2021 17:51



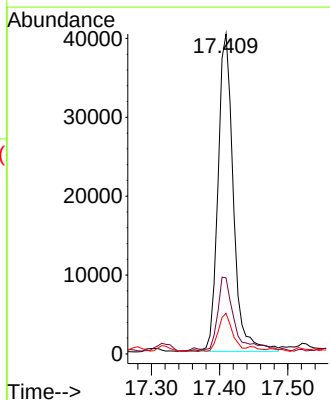
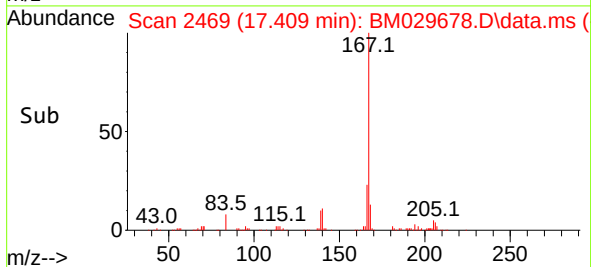
Tgt Ion:178 Resp: 343896
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.8 12.5 18.7



#73
 Carbazole
 Concen: 2.88 ng
 RT: 17.409 min Scan# 2469
 Delta R.T. -0.012 min
 Lab File: BM029678.D
 Acq: 27 Apr 2021 17:51



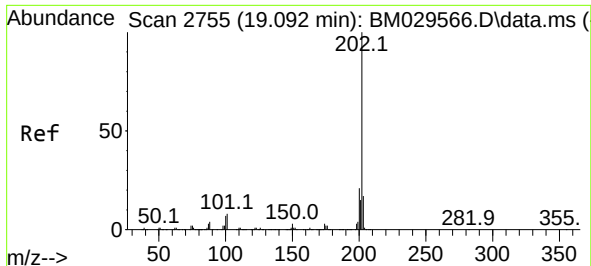
Tgt Ion:167 Resp: 63134
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.4 26.0
 139 12.7 9.8 14.6



Instrument :
 BNA_M
 ClientSampleId :
 DS-1

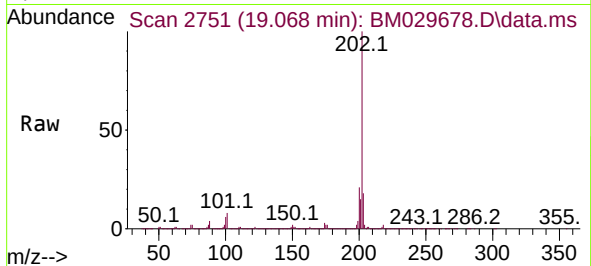
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#75
Fluoranthene
Concen: 78.57 ng
RT: 19.068 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

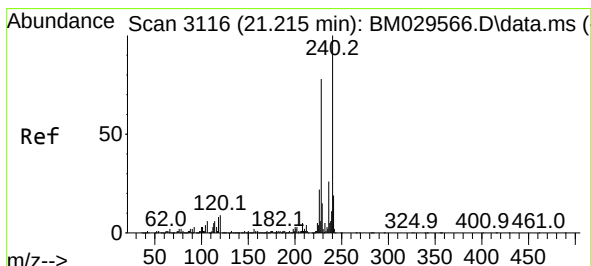
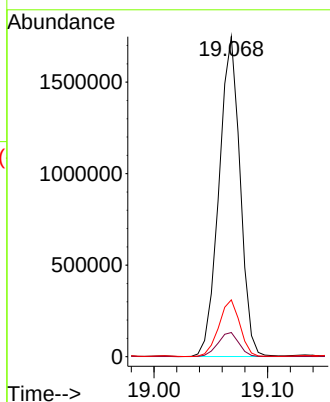
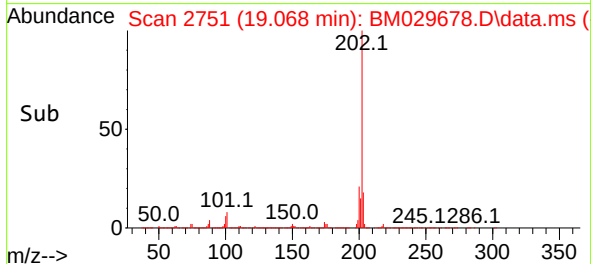
Instrument :
BNA_M
ClientSampled :
DS-1



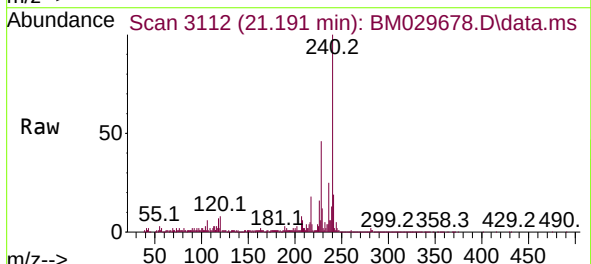
Tgt Ion:202 Resp: 2256137
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.6
203 17.7 0.0 37.3

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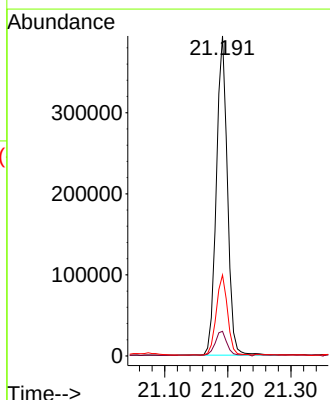
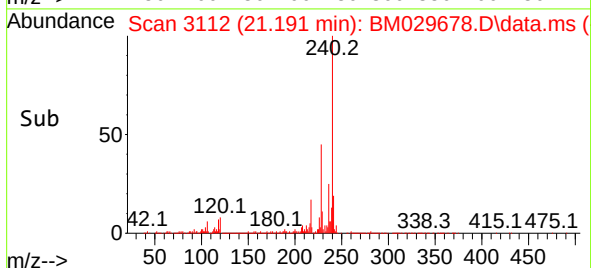
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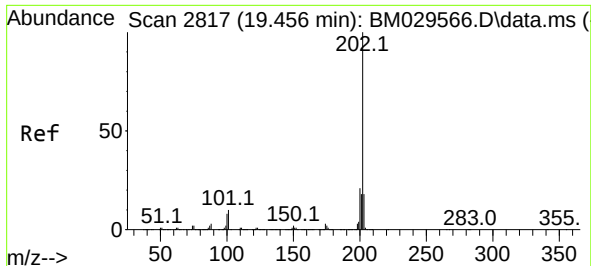


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.191 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



Tgt Ion:240 Resp: 478923
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.3 21.0 31.4





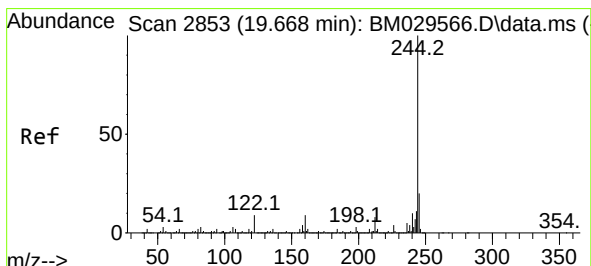
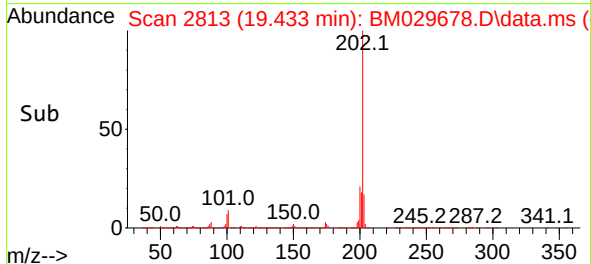
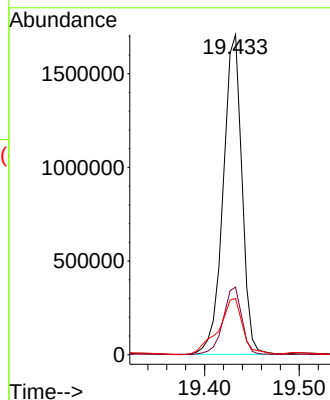
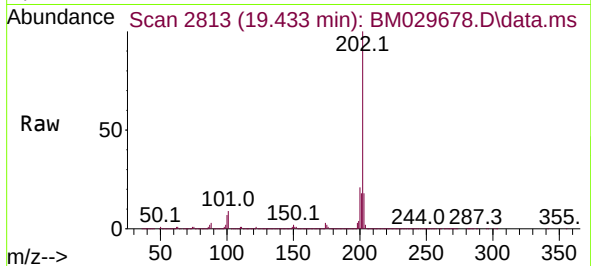
#78
Pyrene
Concen: 76.41 ng
RT: 19.433 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

Tgt Ion:202 Resp: 2354459
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 17.5 13.9 20.9

Instrument :
BNA_M
ClientSampleId :
DS-1

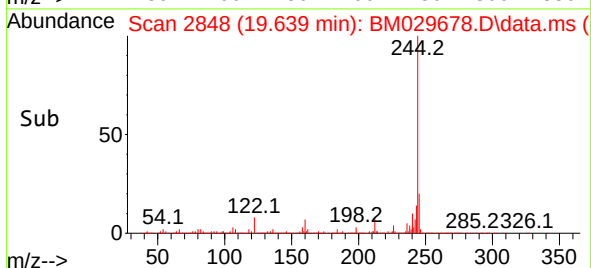
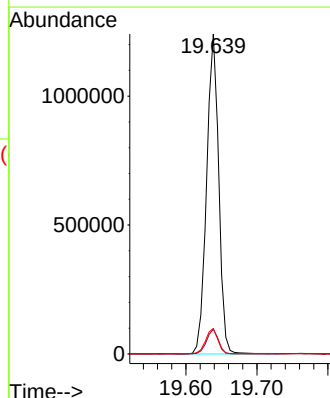
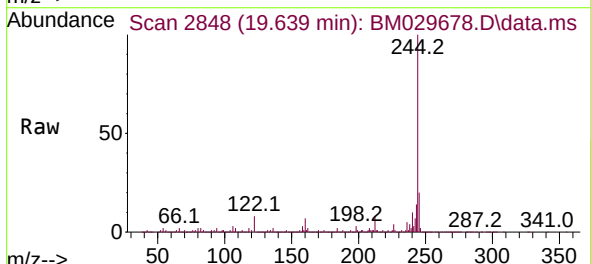
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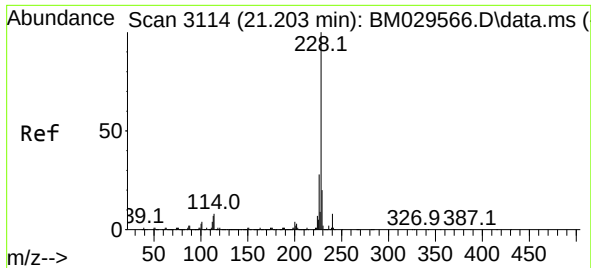
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#79
Terphenyl-d14
Concen: 58.29 ng
RT: 19.639 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

Tgt Ion:244 Resp: 1472512
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.0 6.9 10.3





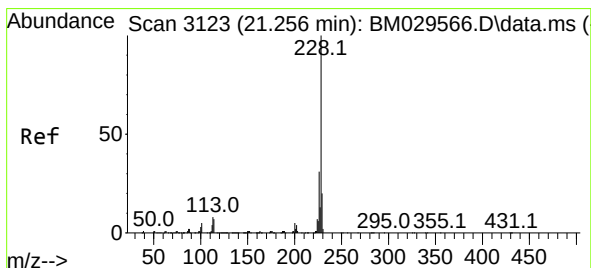
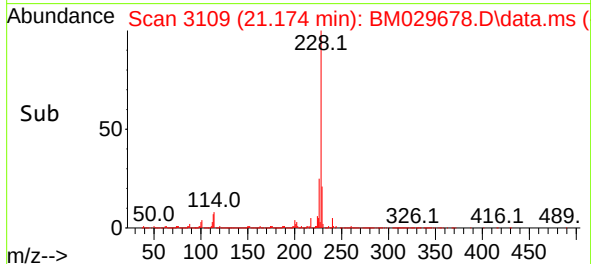
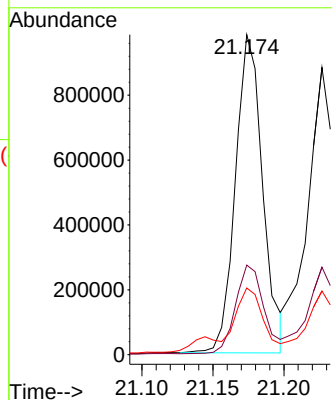
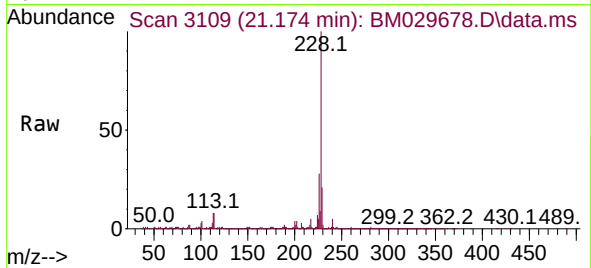
#81
Benzo(a)anthracene
Concen: 41.31 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

Tgt Ion:228 Resp: 1308966
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.8 15.7 23.5

Instrument :
BNA_M
ClientSampled :
DS-1

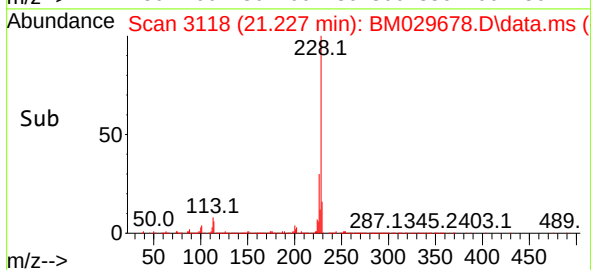
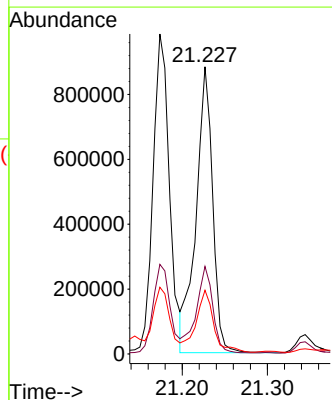
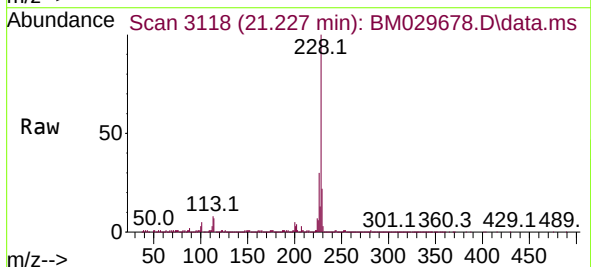
Manual Integrations
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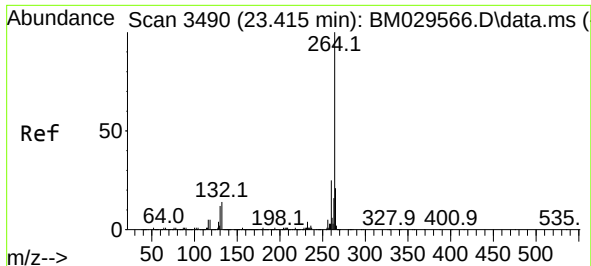
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#83
Chrysene
Concen: 38.35 ng
RT: 21.227 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

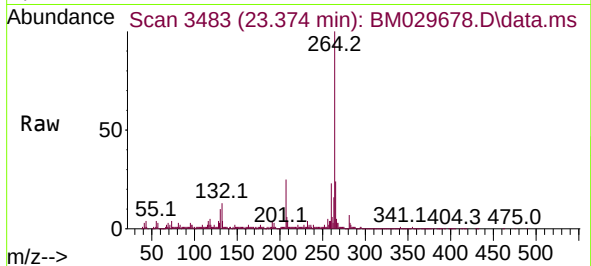
Tgt Ion:228 Resp: 1193955
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 22.2 15.5 23.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

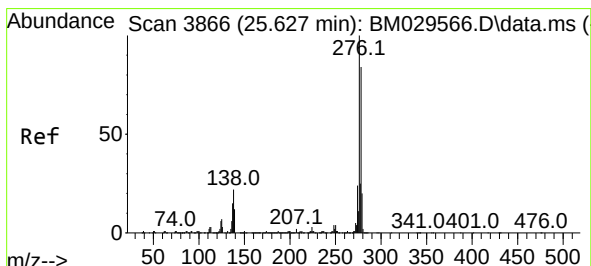
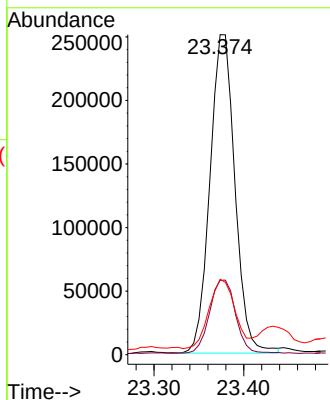
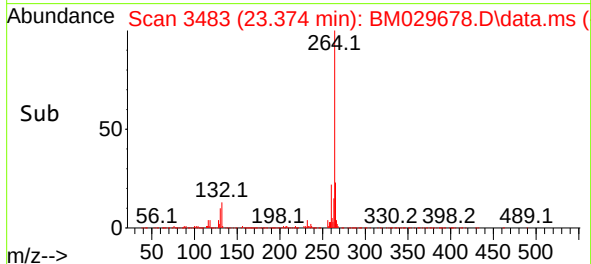
Instrument :
BNA_M
ClientSampled :
DS-1



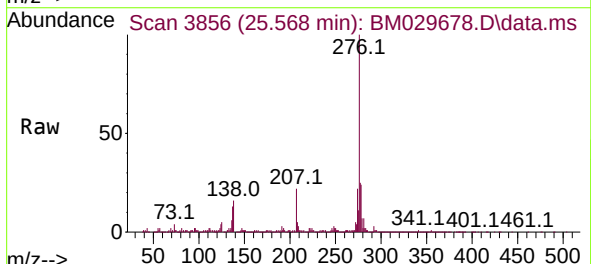
Tgt Ion:264 Resp: 485413
Ion Ratio Lower Upper
264 100
260 23.3 19.8 29.8
265 23.5 17.7 26.5

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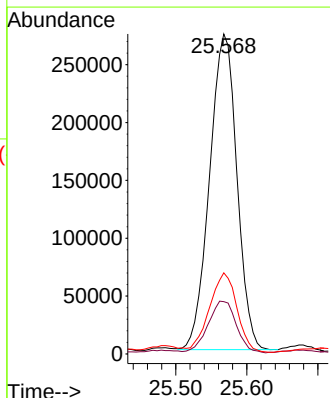
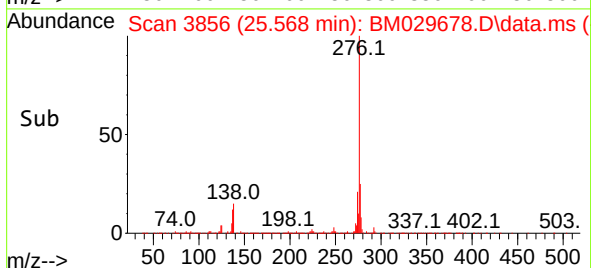
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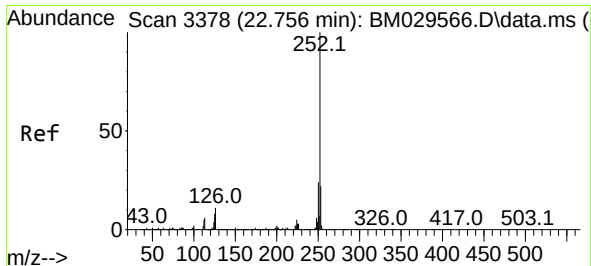


#87
Indeno(1,2,3-cd)pyrene
Concen: 19.42 ng
RT: 25.568 min Scan# 3856
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



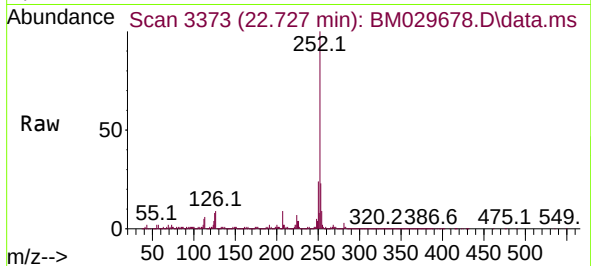
Tgt Ion:276 Resp: 728841
Ion Ratio Lower Upper
276 100
138 17.0 17.1 25.7#
277 25.4 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 48.88 ng m
RT: 22.727 min Scan# 3373
Delta R.T. -0.000 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

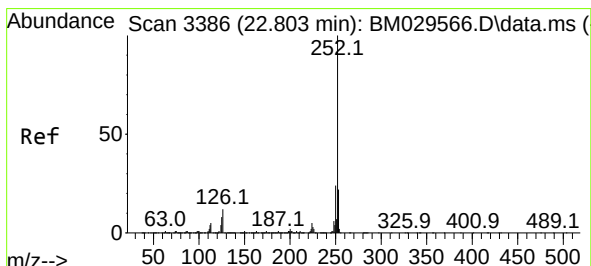
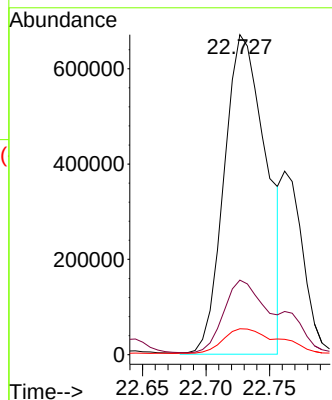
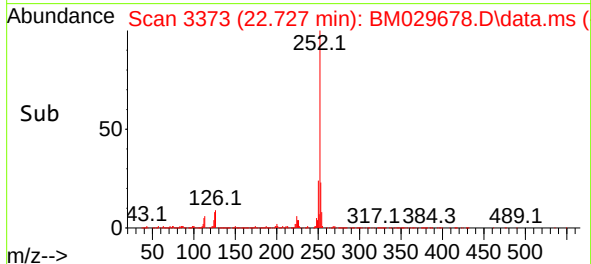
Instrument :
BNA_M
ClientSampled :
DS-1



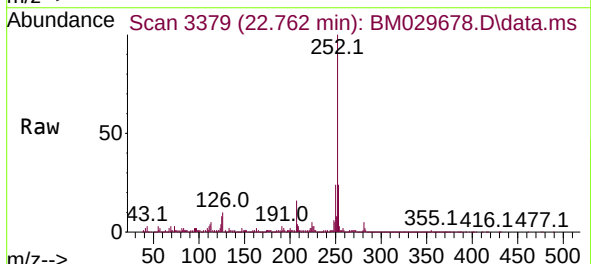
Tgt Ion:252 Resp: 1547255
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 8.1 6.8 10.2

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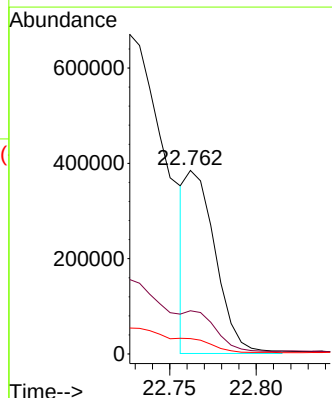
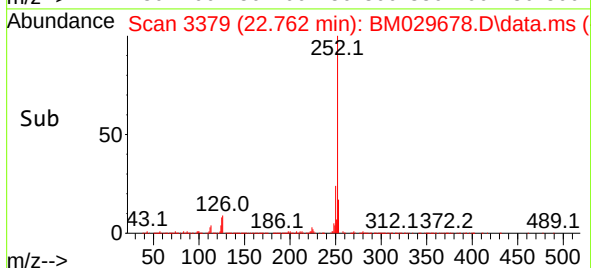
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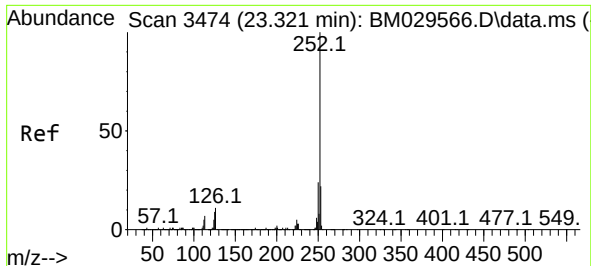


#89
Benzo(k)fluoranthene
Concen: 14.23 ng m
RT: 22.762 min Scan# 3379
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



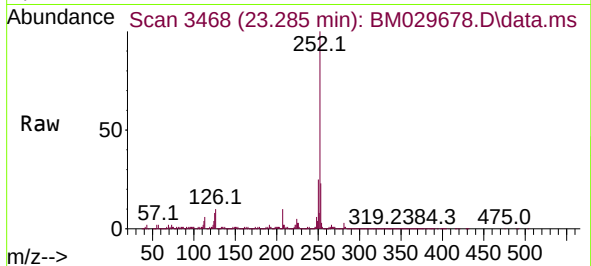
Tgt Ion:252 Resp: 451398
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 8.3 6.2 9.2





#90
Benzo(a)pyrene
Concen: 36.40 ng
RT: 23.285 min Scan# 3468
Delta R.T. -0.000 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

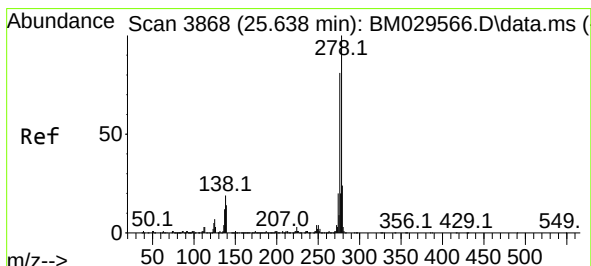
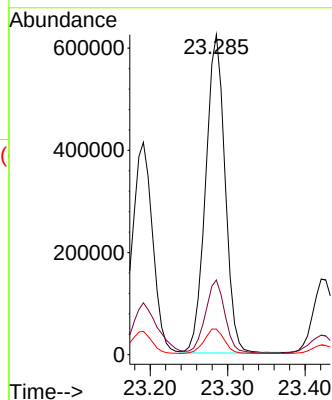
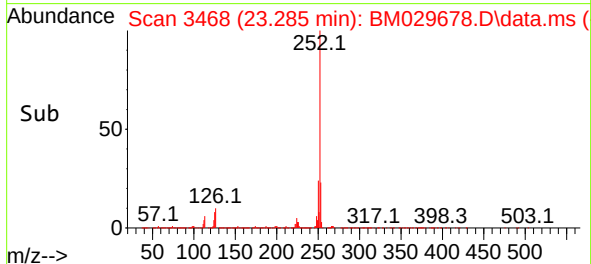
Instrument :
BNA_M
ClientSampled :
DS-1



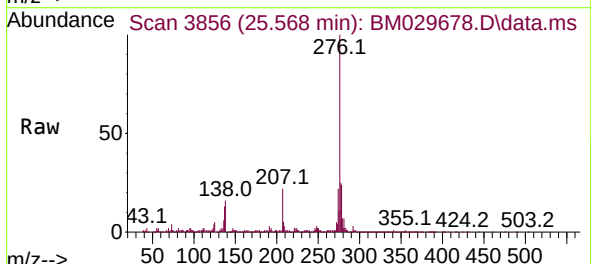
Tgt Ion:252 Resp: 1081736
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 8.0 7.3 10.9

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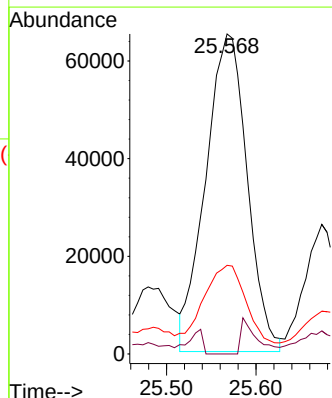
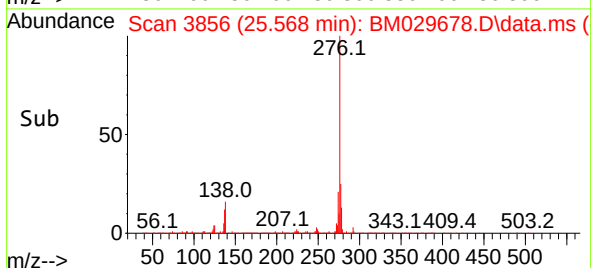
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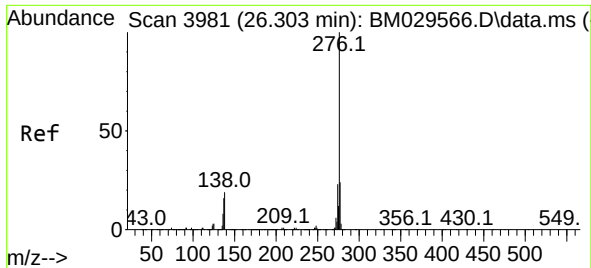


#91
Dibenzo(a,h)anthracene
Concen: 6.49 ng m
RT: 25.568 min Scan# 3856
Delta R.T. -0.024 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51



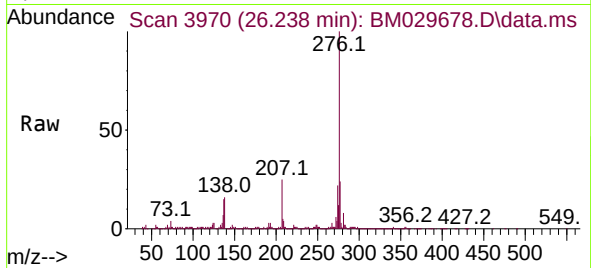
Tgt Ion:278 Resp: 210014
Ion Ratio Lower Upper
278 100
139 0.0 11.0 16.4#
279 27.7 18.7 28.1





#92
Benzo(g,h,i)perylene
Concen: 24.32 ng
RT: 26.238 min Scan# 3970
Delta R.T. -0.012 min
Lab File: BM029678.D
Acq: 27 Apr 2021 17:51

Instrument :
BNA_M
ClientSampleId :
DS-1



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	16.2	14.4	21.6

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