

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029738.D
 Acq On : 30 Apr 2021 20:26
 Operator : CG/JU
 Sample : M2188-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9A-8-COMP

Quant Time: Apr 30 23:08:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

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

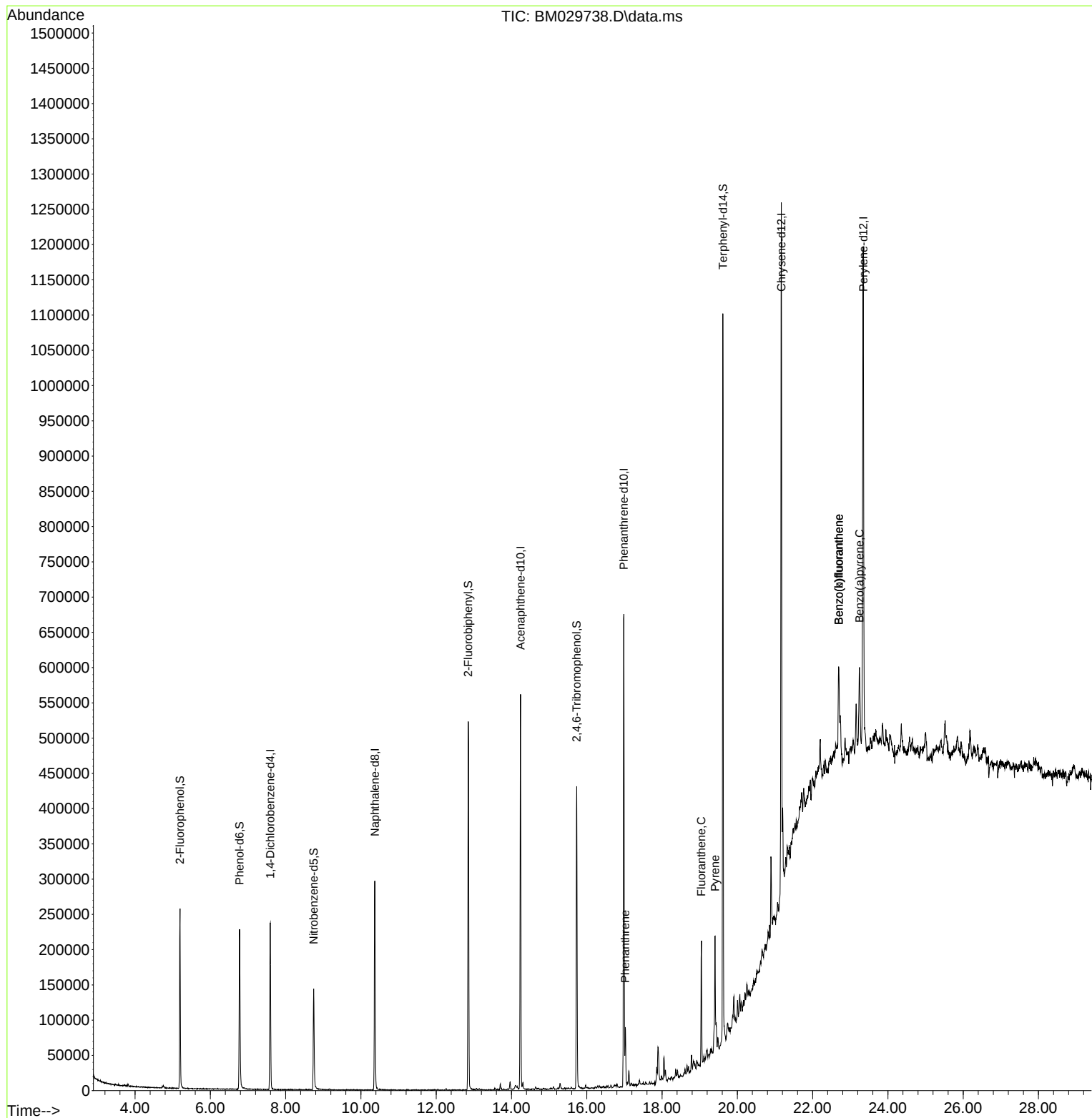
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	73055	20.00	ng	0.00
21) Naphthalene-d8	10.369	136	259617	20.00	ng	# 0.00
39) Acenaphthene-d10	14.239	164	197531	20.00	ng	0.00
64) Phenanthrene-d10	16.986	188	434776	20.00	ng	0.00
76) Chrysene-d12	21.168	240	483023	20.00	ng	#-0.01
86) Perylene-d12	23.344	264	516790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	111791	31.90	ng	0.00
7) Phenol-d6	6.775	99	140168	29.46	ng	0.00
23) Nitrobenzene-d5	8.745	82	89197	19.85	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	92661	29.55	ng	0.00
45) 2-Fluorobiphenyl	12.851	172	302746	19.88	ng	-0.01
79) Terphenyl-d14	19.615	244	497162	18.89	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.021	178	52150	2.13	ng	98
75) Fluoranthene	19.045	202	111724	3.71	ng	99
78) Pyrene	19.409	202	105219	3.40	ng	98
88) Benzo(b)fluoranthene	22.697	252	85751	2.51	ng	# 92
89) Benzo(k)fluoranthene	22.697	252	85751	2.59	ng	# 92
90) Benzo(a)pyrene	23.244	252	63349	2.03	ng	# 89

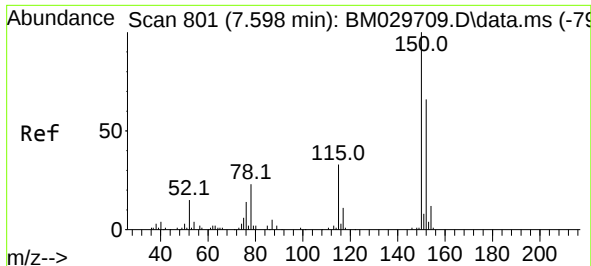
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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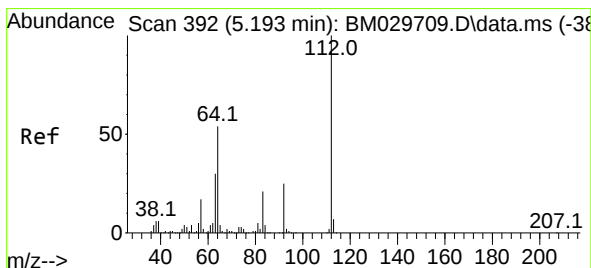
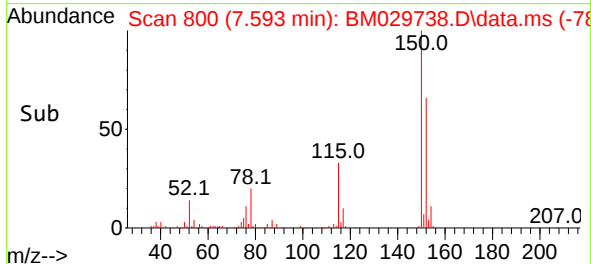
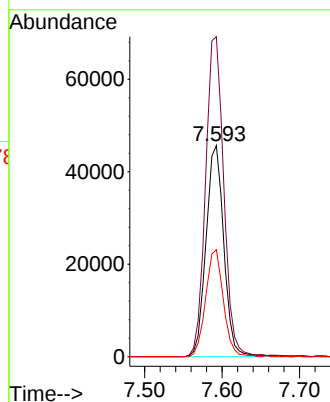
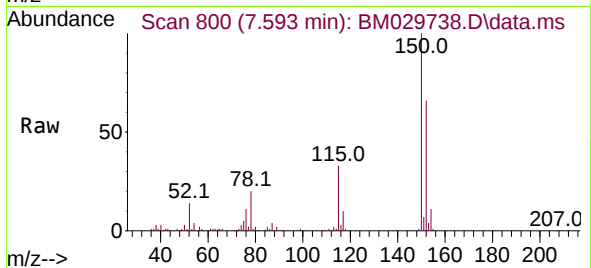




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.593 min Scan# 800
Delta R.T. -0.005 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

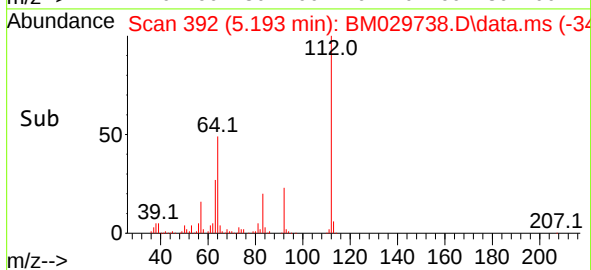
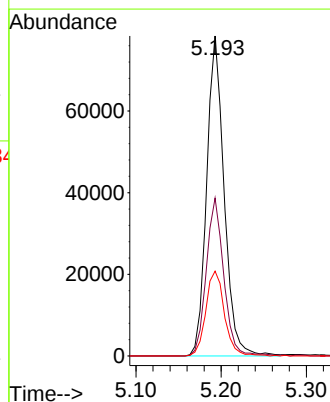
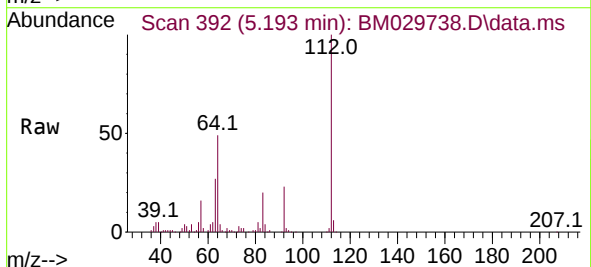
Instrument :
BNA_M
ClientSampleId :
TP-9A-8-COMP

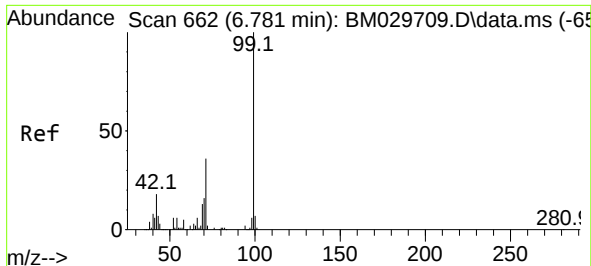
Tgt Ion:152 Resp: 73055
Ion Ratio Lower Upper
152 100
150 151.6 125.9 188.9
115 50.7 44.6 67.0



#5
2-Fluorophenol
Concen: 31.90 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion:112 Resp: 111791
Ion Ratio Lower Upper
112 100
64 49.4 47.1 70.7
63 26.5 27.3 40.9#

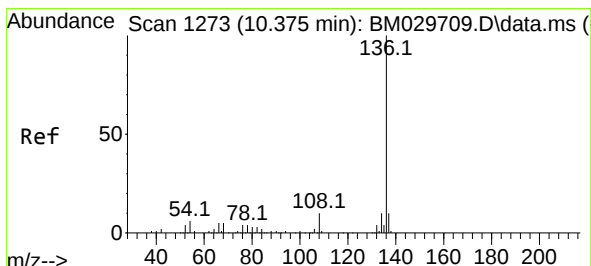
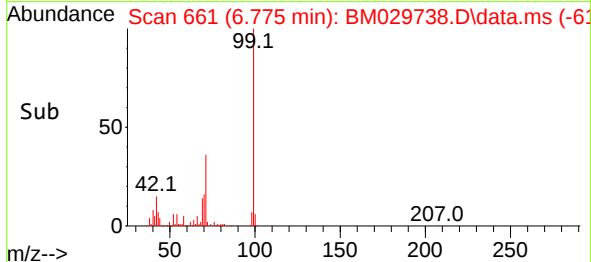
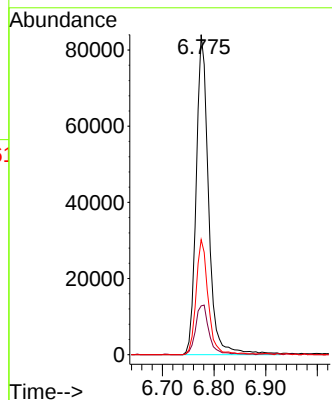
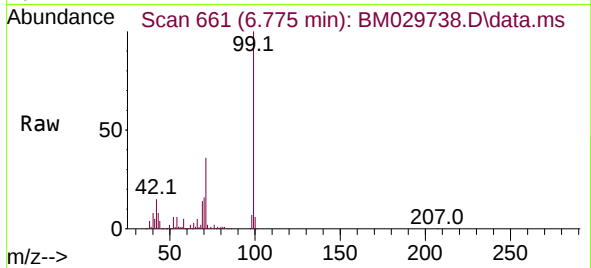




#7
Phenol-d6
Concen: 29.46 ng
RT: 6.775 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

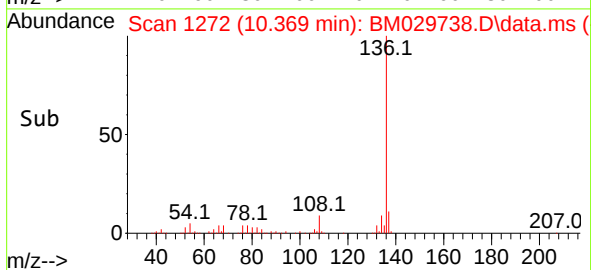
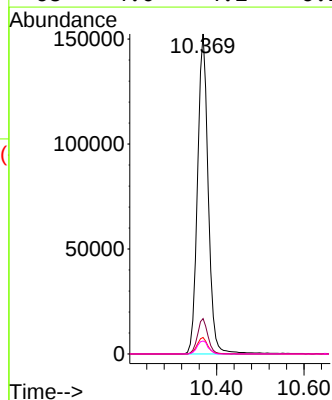
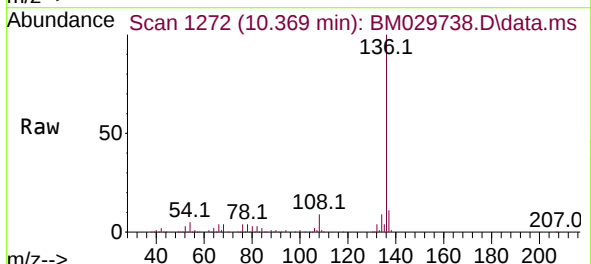
Instrument :
BNA_M
ClientSampleId :
TP-9A-8-COMP

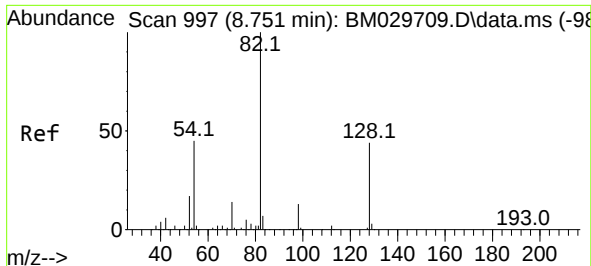
Tgt Ion: 99 Resp: 140168
Ion Ratio Lower Upper
99 100
42 15.3 18.0 27.0#
71 35.9 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion: 136 Resp: 259617
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 5.2 5.5 8.3#
68 4.0 4.2 6.2#

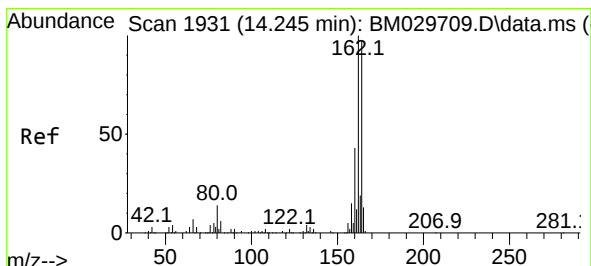
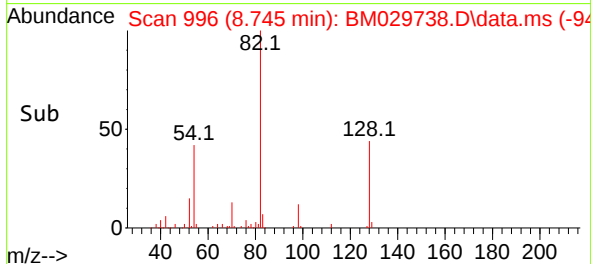
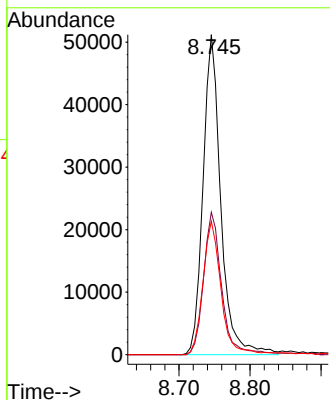
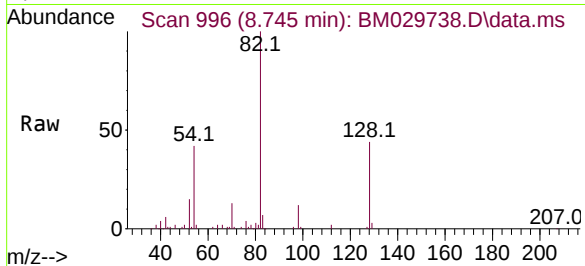




#23
Nitrobenzene-d5
Concen: 19.85 ng
RT: 8.745 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

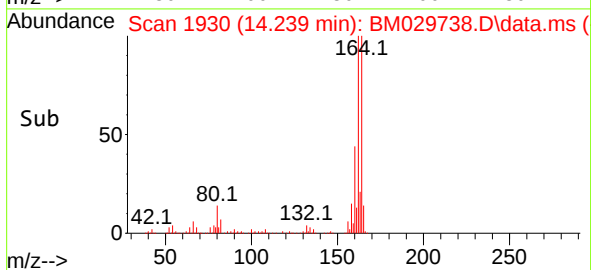
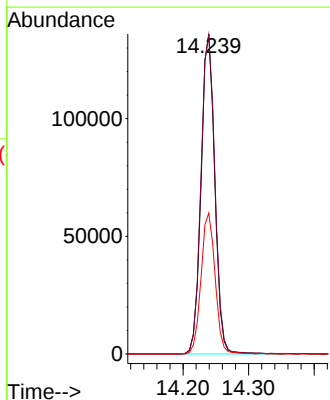
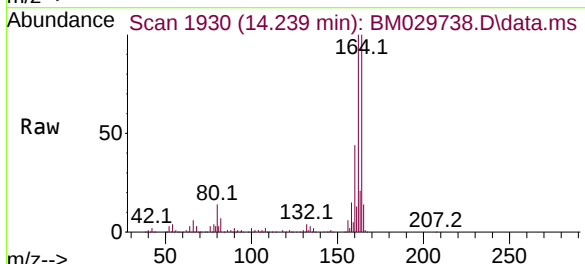
Instrument :
BNA_M
ClientSampleId :
TP-9A-8-COMP

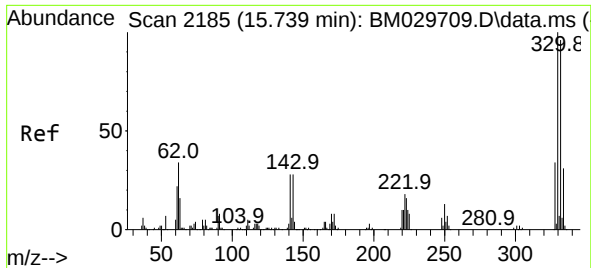
Tgt Ion: 82 Resp: 89197
Ion Ratio Lower Upper
82 100
128 44.5 31.1 46.7
54 41.7 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion: 164 Resp: 197531
Ion Ratio Lower Upper
164 100
162 99.7 83.4 125.0
160 44.0 37.2 55.8

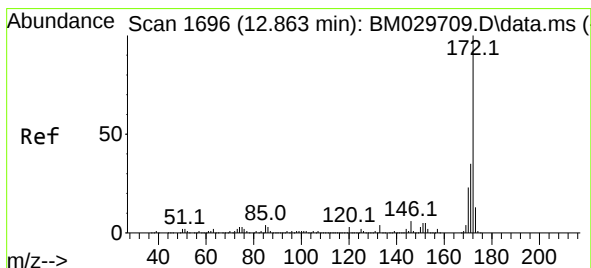
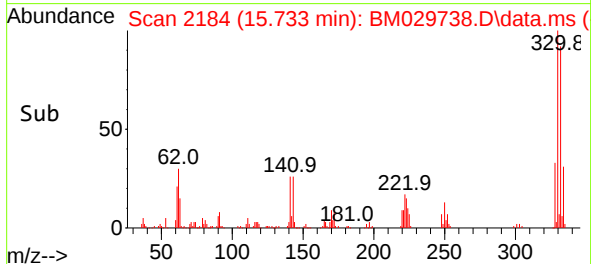
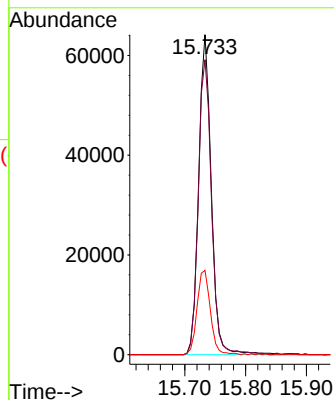
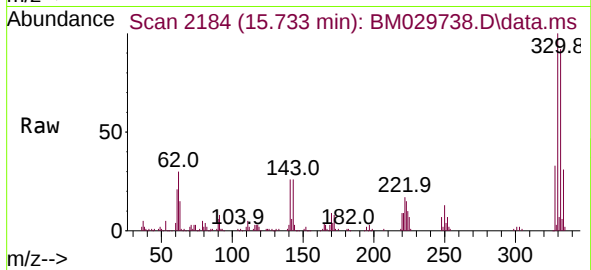




#42
2,4,6-Tribromophenol
Concen: 29.55 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

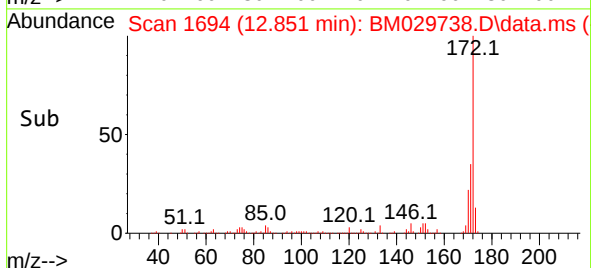
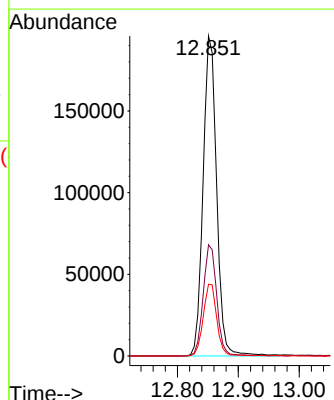
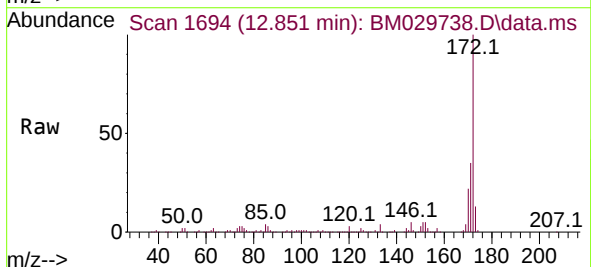
Instrument :
BNA_M
ClientSampleId :
TP-9A-8-COMP

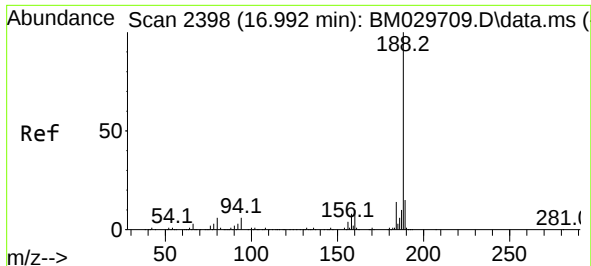
Tgt Ion:330 Resp: 92661
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 27.6 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 19.88 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion:172 Resp: 302746
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 22.4 18.4 27.6

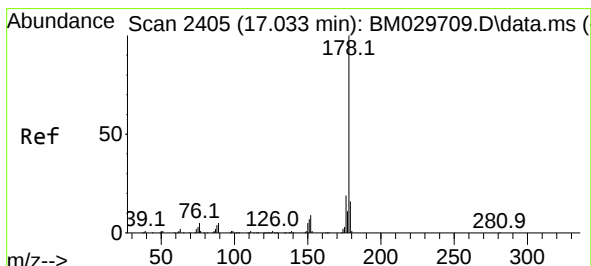
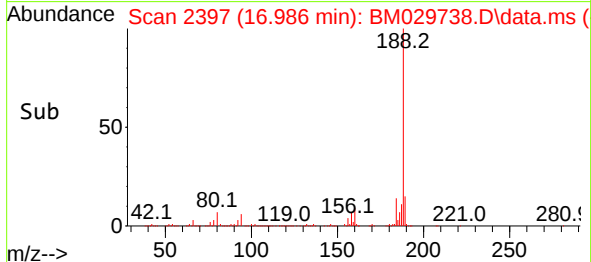
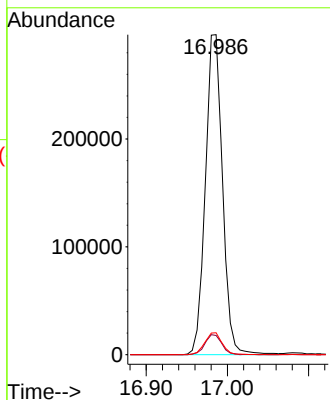
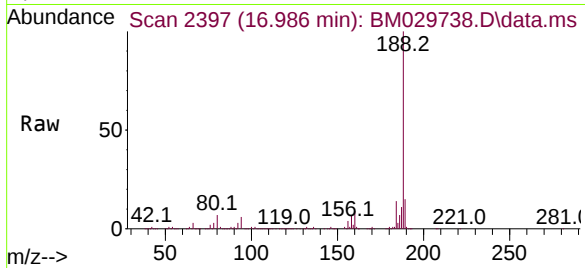




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

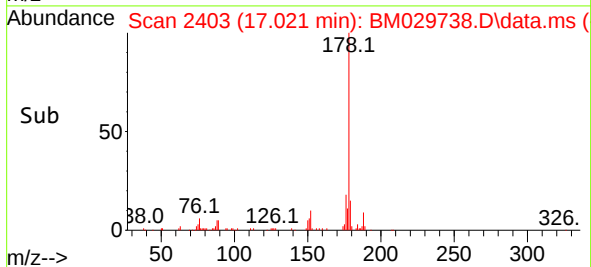
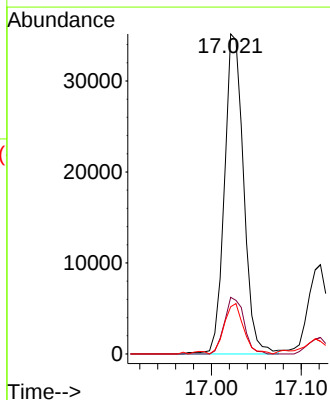
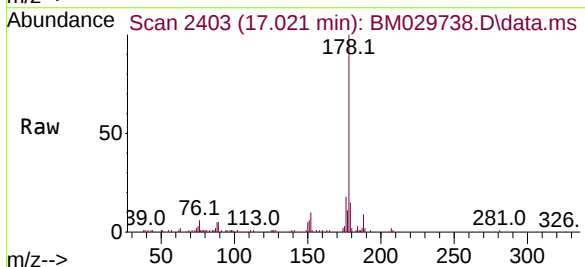
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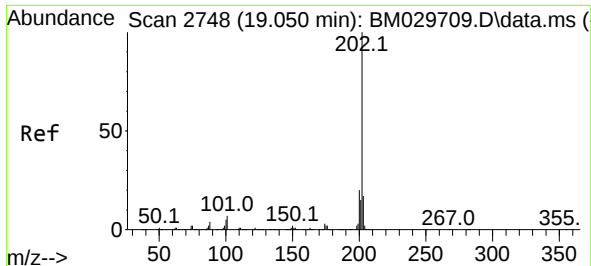
Tgt Ion:188 Resp: 434776
Ion Ratio Lower Upper
188 100
94 6.0 6.0 9.0
80 6.9 6.6 9.8



#71
Phenanthrene
Concen: 2.13 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion:178 Resp: 52150
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 14.8 12.2 18.4

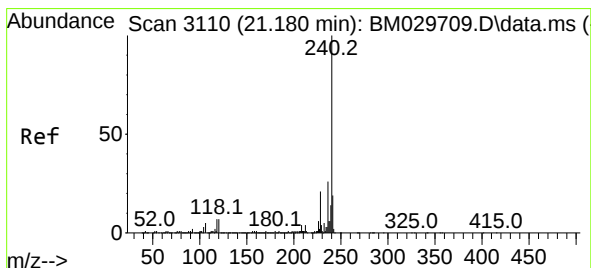
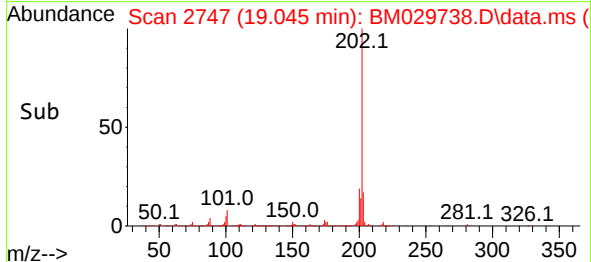
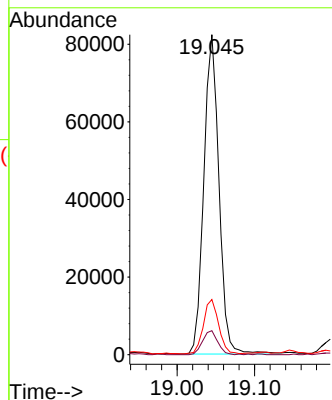
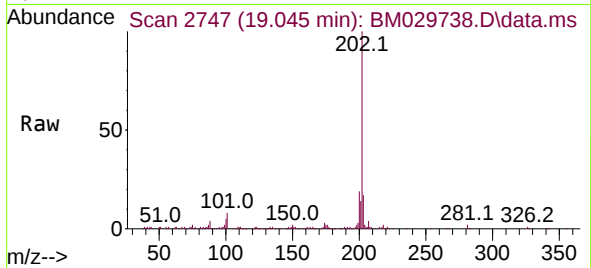




#75
Fluoranthene
Concen: 3.71 ng
RT: 19.045 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

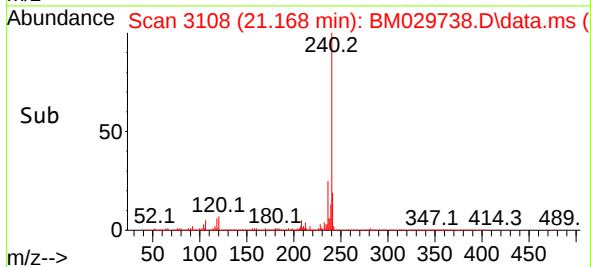
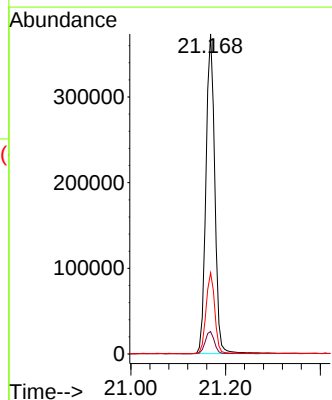
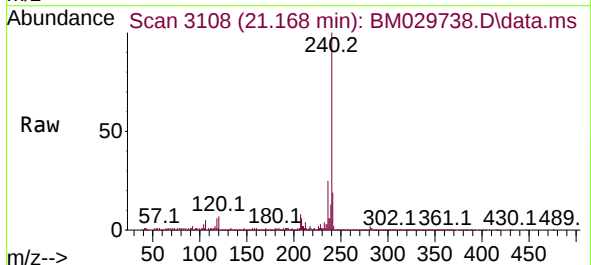
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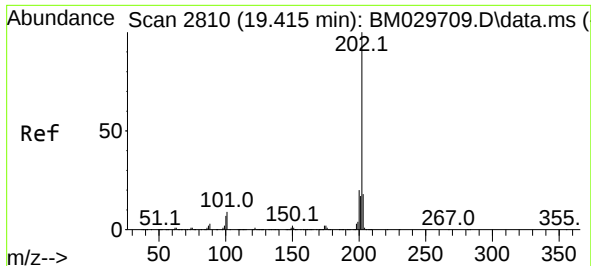
Tgt Ion:202 Resp: 111724
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.6
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion:240 Resp: 483023
Ion Ratio Lower Upper
240 100
120 7.0 7.0 10.6#
236 25.3 21.0 31.4

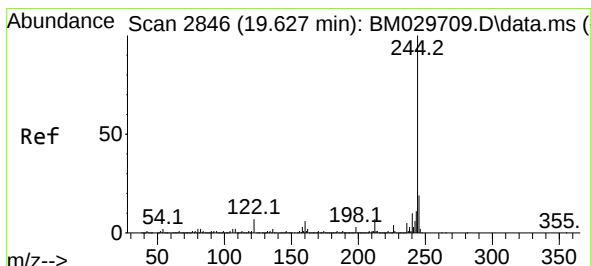
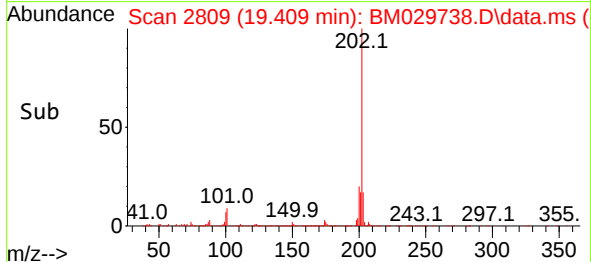
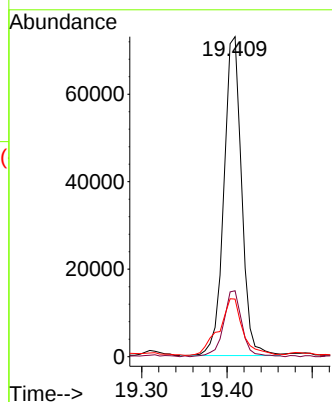
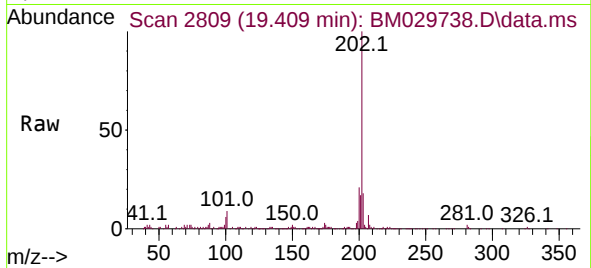




#78
Pyrene
Concen: 3.40 ng
RT: 19.409 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

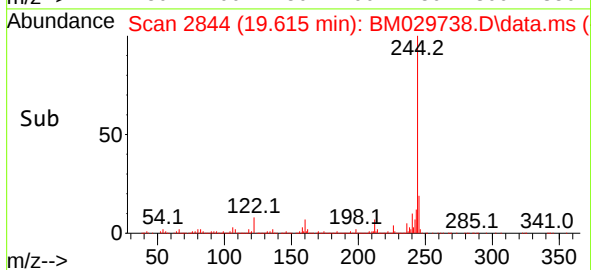
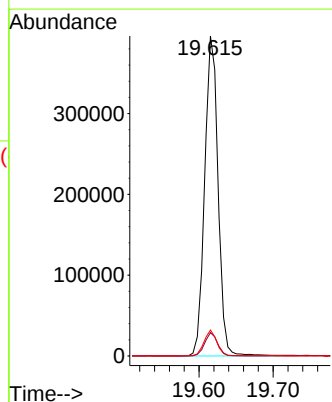
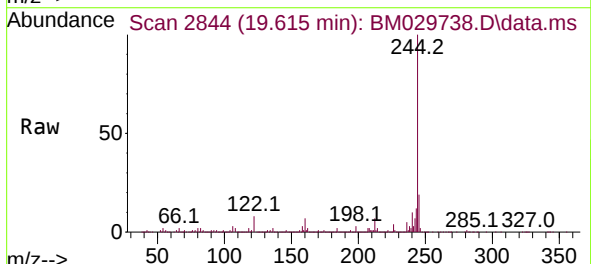
Instrument :
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TP-9A-8-COMP

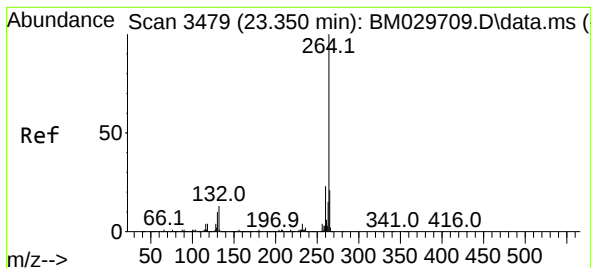
Tgt Ion:202 Resp: 105219
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 18.0 13.9 20.9



#79
Terphenyl-d14
Concen: 18.89 ng
RT: 19.615 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion:244 Resp: 497162
Ion Ratio Lower Upper
244 100
212 7.3 6.3 9.5
122 8.1 6.9 10.3





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.344 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM029738.D

Acq: 30 Apr 2021 20:26

Tgt Ion:264 Resp: 516790

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.8

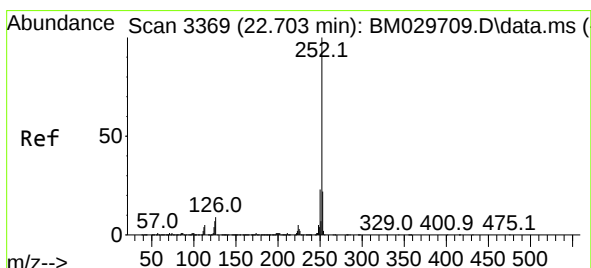
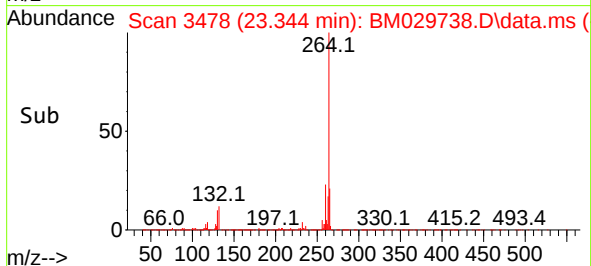
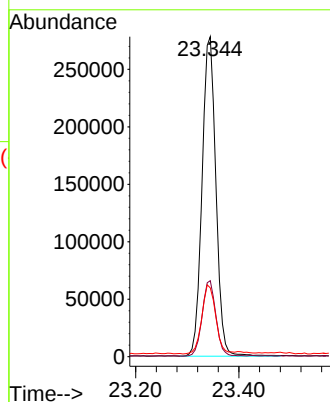
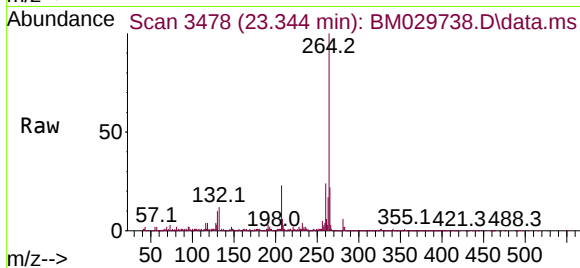
265 21.5 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

TP-9A-8-COMP



#88

Benzo(b)fluoranthene

Concen: 2.51 ng

RT: 22.697 min Scan# 3368

Delta R.T. -0.006 min

Lab File: BM029738.D

Acq: 30 Apr 2021 20:26

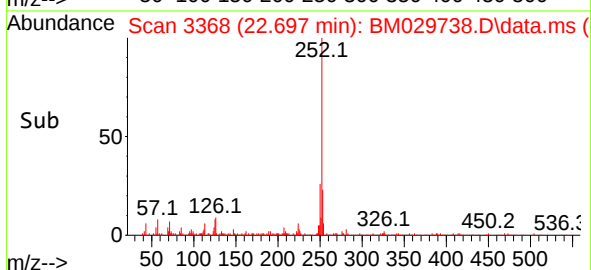
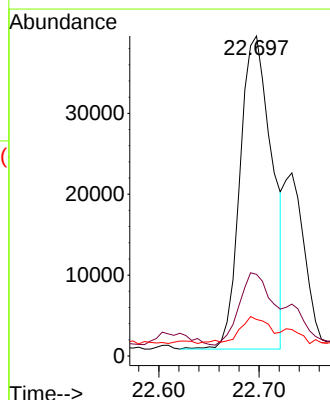
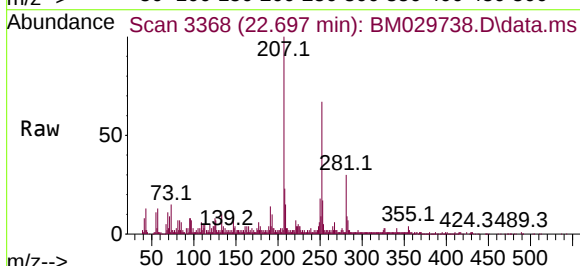
Tgt Ion:252 Resp: 85751

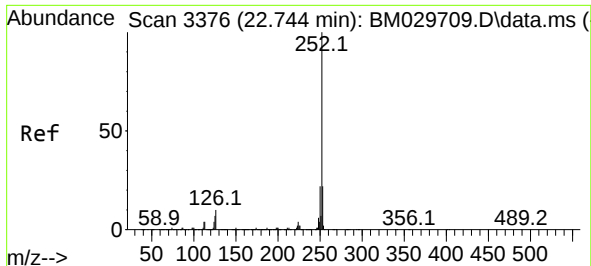
Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.0

125 11.4 6.8 10.2#

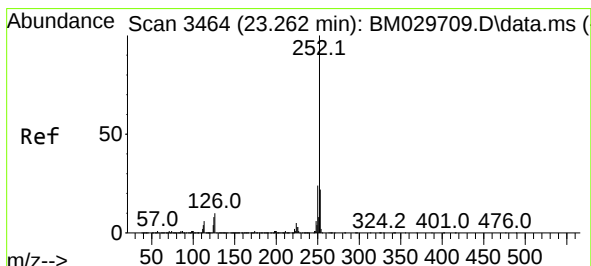
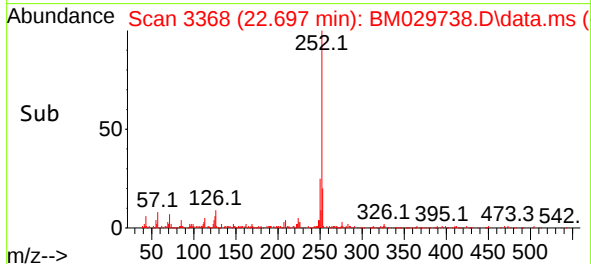
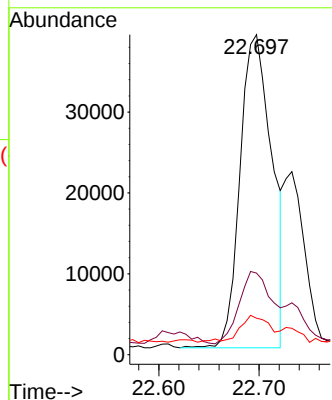
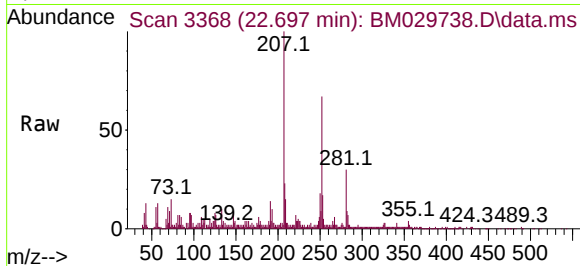




#89
Benzo(k)fluoranthene
Concen: 2.59 ng
RT: 22.697 min Scan# 3368
Delta R.T. -0.047 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Instrument :
BNA_M
ClientSampleId :
TP-9A-8-COMP

Tgt Ion:252 Resp: 85751
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 11.4 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 2.03 ng
RT: 23.244 min Scan# 3461
Delta R.T. -0.017 min
Lab File: BM029738.D
Acq: 30 Apr 2021 20:26

Tgt Ion:252 Resp: 63349
Ion Ratio Lower Upper
252 100
253 27.4 17.7 26.5#
125 13.0 7.3 10.9#

