

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029733.D
 Acq On : 30 Apr 2021 17:24
 Operator : CG/JU
 Sample : M2226-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OLD-GIBBONS-COMPOSITE-OF-8

Quant Time: Apr 30 18:22:41 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)

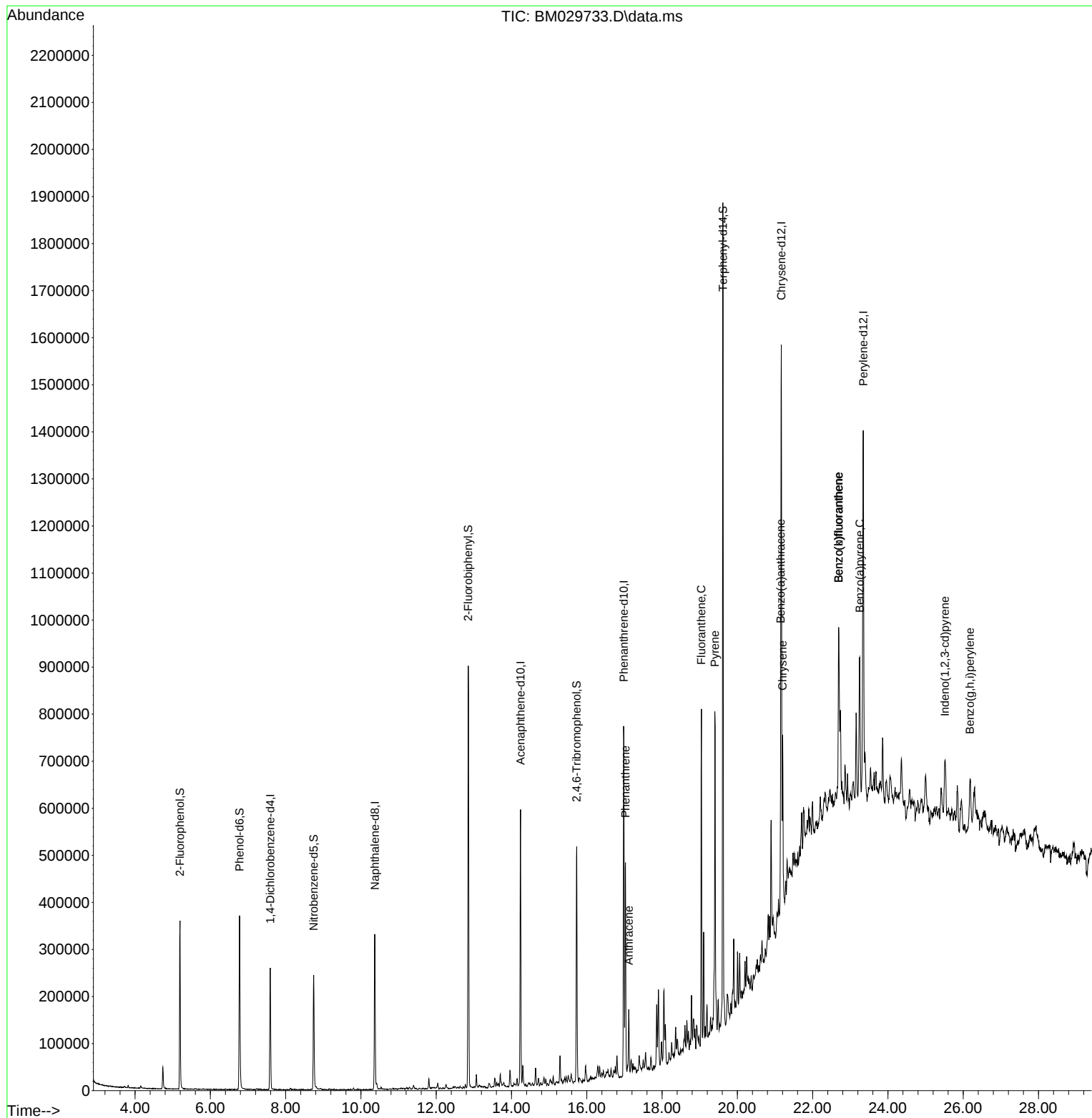
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.592	152	79763	20.00	ng	0.00
21) Naphthalene-d8	10.369	136	282853	20.00	ng	# 0.00
39) Acenaphthene-d10	14.239	164	208352	20.00	ng	0.00
64) Phenanthrene-d10	16.980	188	472621	20.00	ng	-0.01
76) Chrysene-d12	21.168	240	523218	20.00	ng	-0.01
86) Perylene-d12	23.344	264	560536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	159927	41.80	ng	0.00
7) Phenol-d6	6.775	99	216040	41.59	ng	0.00
23) Nitrobenzene-d5	8.745	82	147118	30.05	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	101555	30.70	ng	0.00
45) 2-Fluorobiphenyl	12.851	172	504330	31.39	ng	-0.01
79) Terphenyl-d14	19.615	244	835352	29.30	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.027	178	292315	10.98	ng	98
72) Anthracene	17.115	178	88802	3.36	ng	98
75) Fluoranthene	19.045	202	435650	13.32	ng	98
78) Pyrene	19.403	202	443790	13.23	ng	97
81) Benzo(a)anthracene	21.150	228	223882	6.58	ng	98
83) Chrysene	21.203	228	209249	6.19	ng	96
87) Indeno(1,2,3-cd)pyrene	25.515	276	122406	2.88	ng	# 94
88) Benzo(b)fluoranthene	22.691	252	336855	9.09	ng	93
89) Benzo(k)fluoranthene	22.691	252	336855	9.38	ng	# 93
90) Benzo(a)pyrene	23.250	252	191046	5.63	ng	98
92) Benzo(g,h,i)perylene	26.179	276	128809	3.73	ng	98

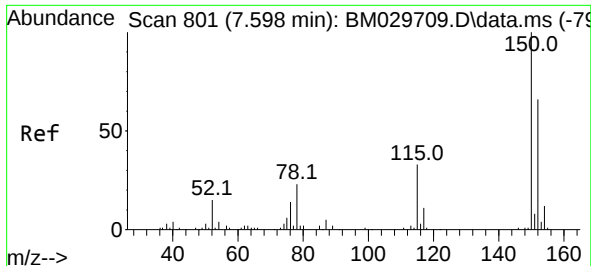
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
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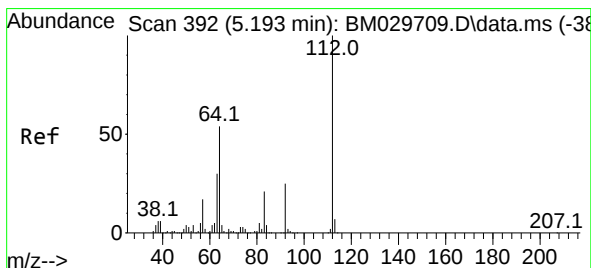
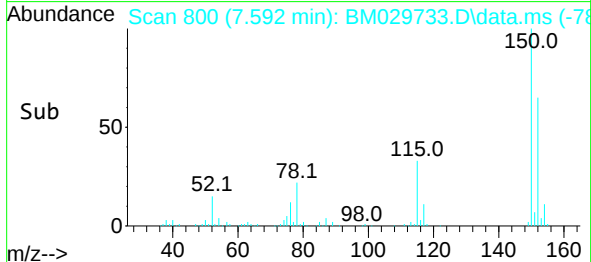
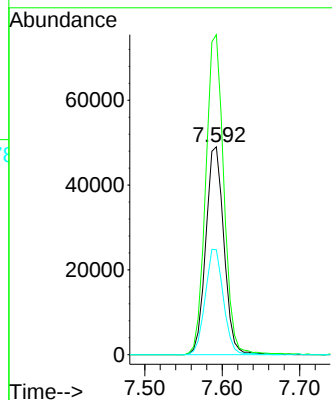
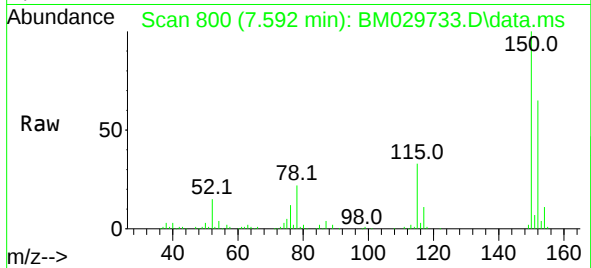




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.592 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

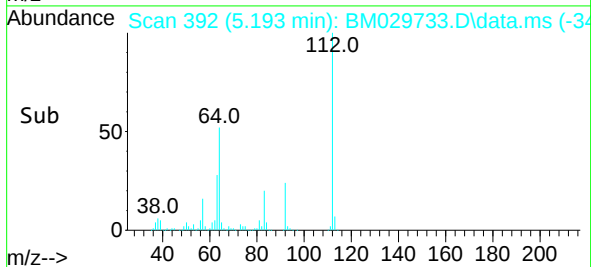
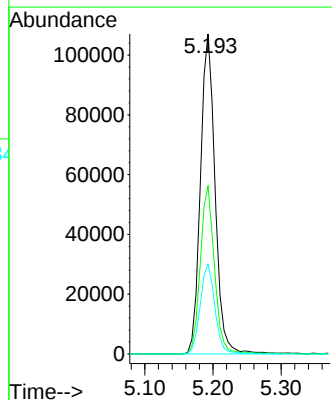
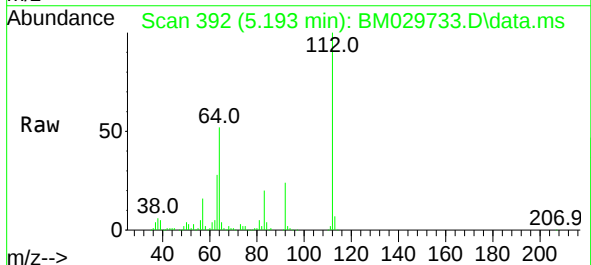
Instrument :
BNA_M
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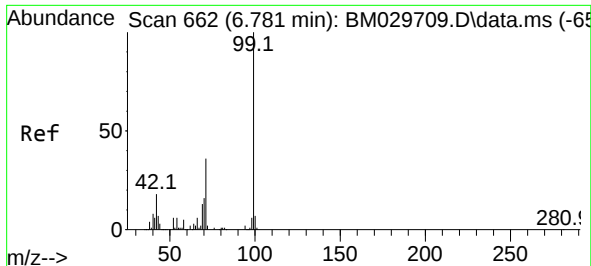
Tgt Ion:152 Resp: 79763
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 50.5 44.6 67.0



#5
2-Fluorophenol
Concen: 41.80 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:112 Resp: 159927
Ion Ratio Lower Upper
112 100
64 52.4 47.1 70.7
63 28.0 27.3 40.9

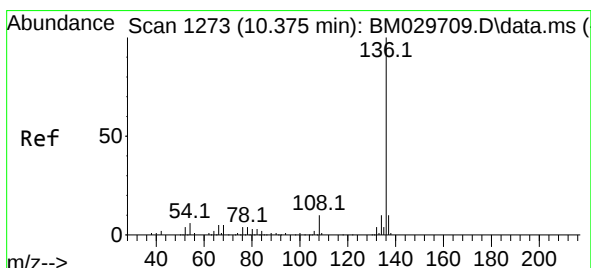
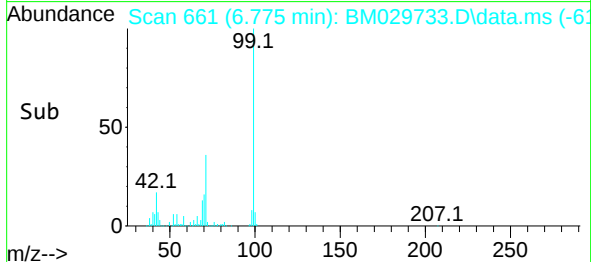
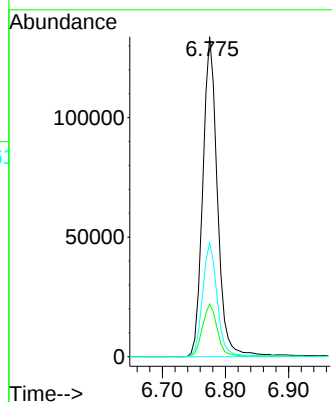
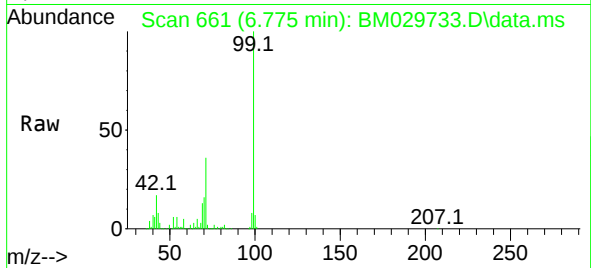




#7
Phenol-d6
Concen: 41.59 ng
RT: 6.775 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

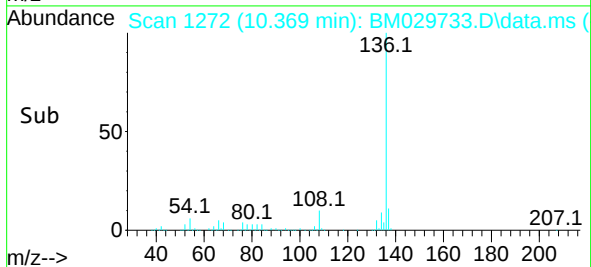
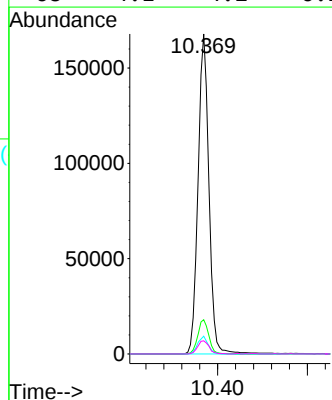
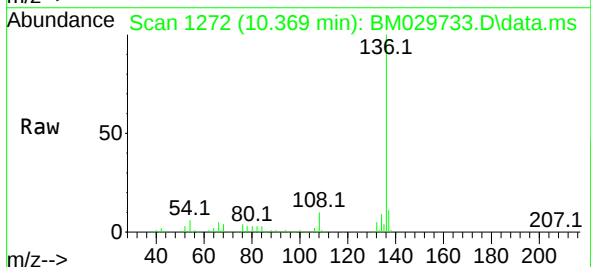
Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8

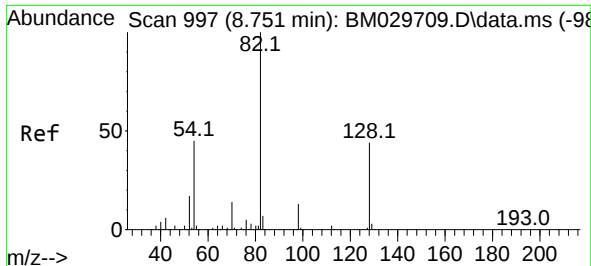
Tgt Ion: 99 Resp: 216040
Ion Ratio Lower Upper
99 100
42 16.5 18.0 27.0#
71 35.6 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion: 136 Resp: 282853
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.6 5.5 8.3
68 4.1 4.2 6.2#

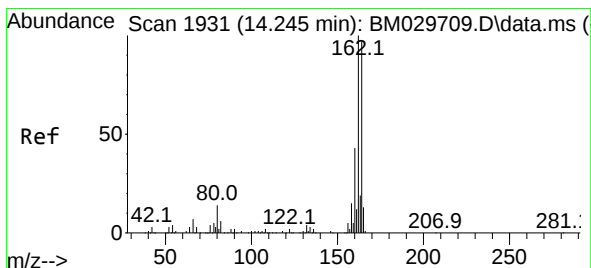
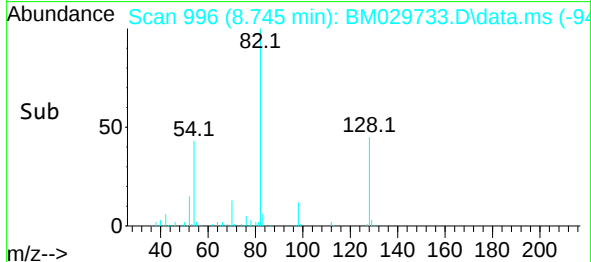
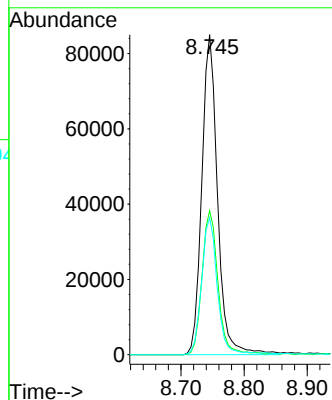
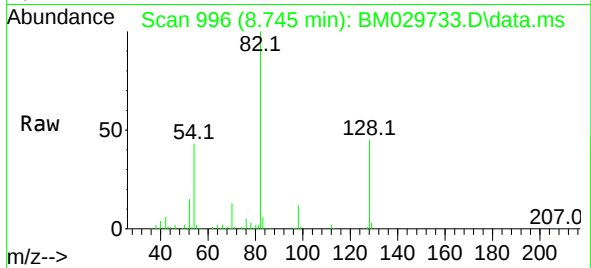




#23
Nitrobenzene-d5
Concen: 30.05 ng
RT: 8.745 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

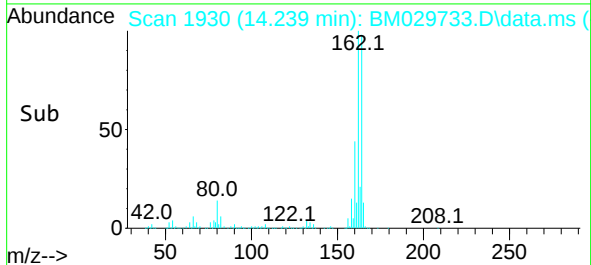
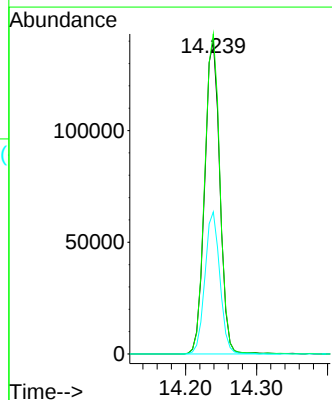
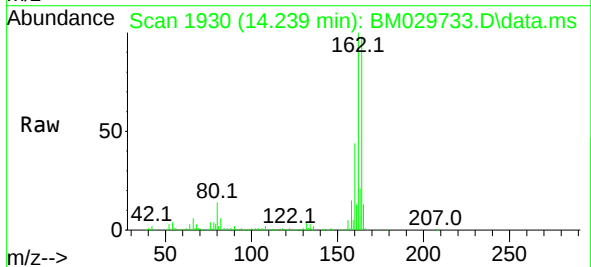
Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8

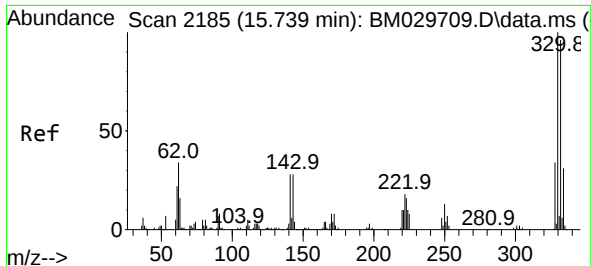
Tgt Ion: 82 Resp: 147118
Ion Ratio Lower Upper
82 100
128 45.0 31.1 46.7
54 42.7 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion: 164 Resp: 208352
Ion Ratio Lower Upper
164 100
162 102.3 83.4 125.0
160 45.4 37.2 55.8

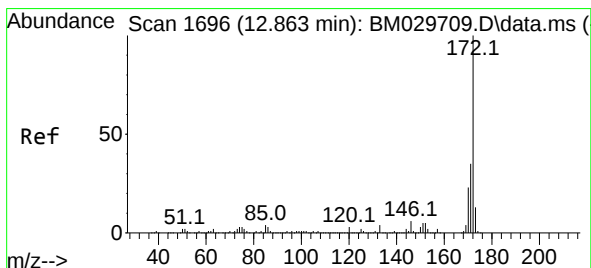
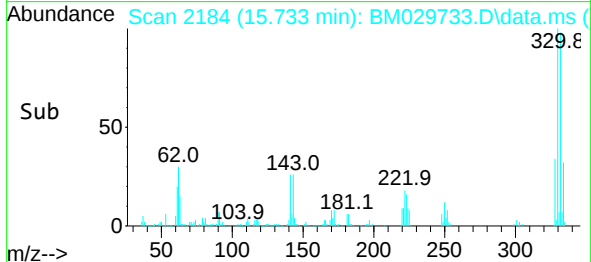
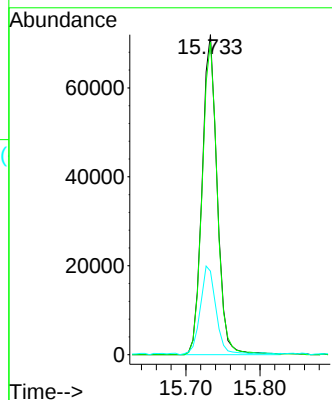
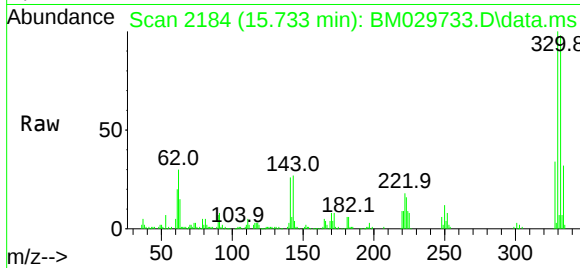




#42
2,4,6-Tribromophenol
Concen: 30.70 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

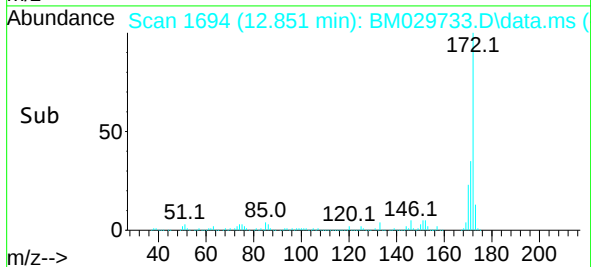
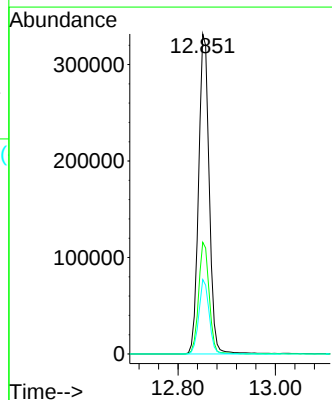
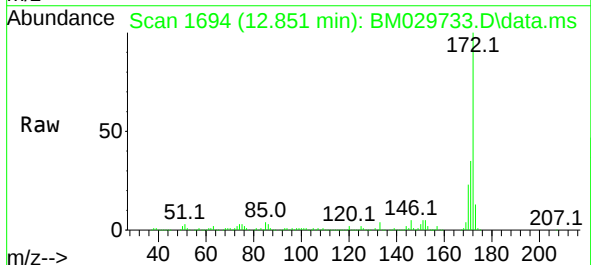
Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8

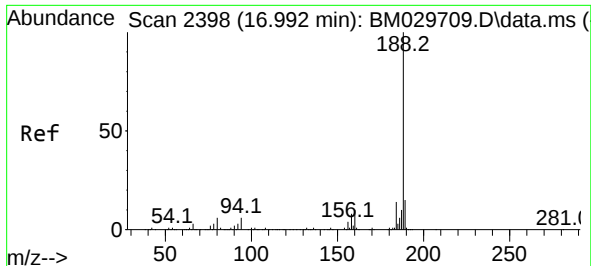
Tgt Ion:330 Resp: 101555
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.4
141 28.9 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 31.39 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:172 Resp: 504330
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 18.4 27.6

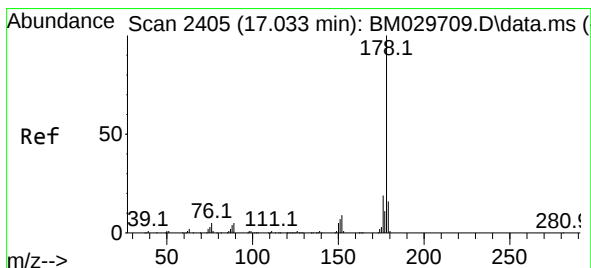
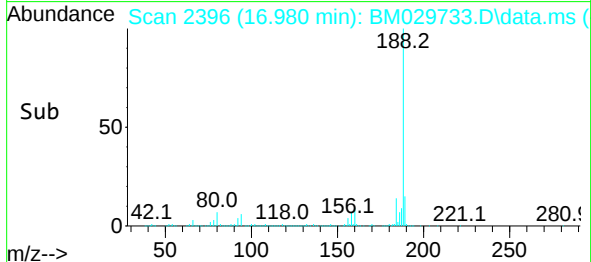
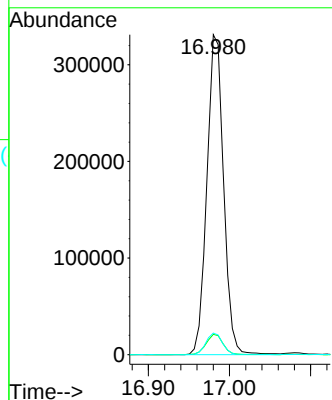
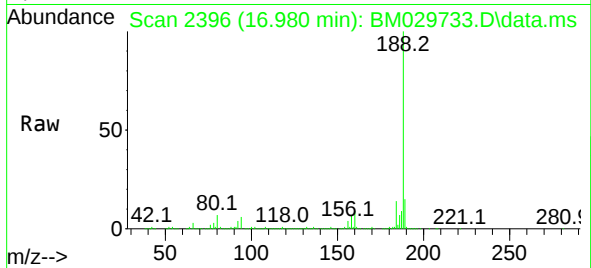




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.980 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

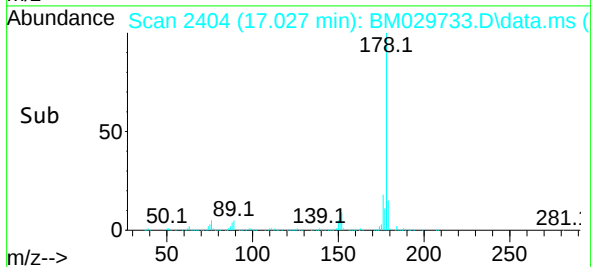
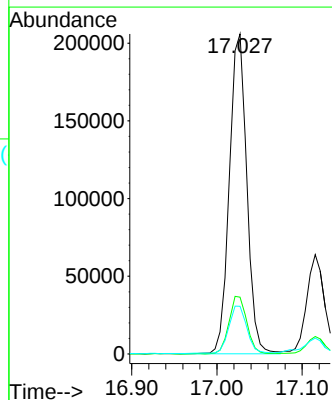
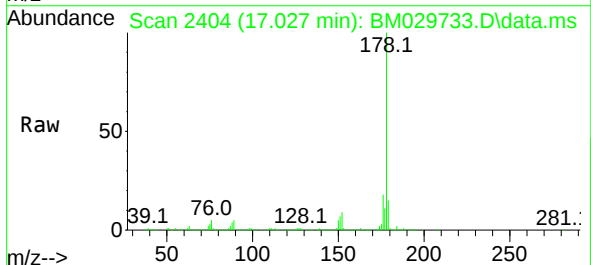
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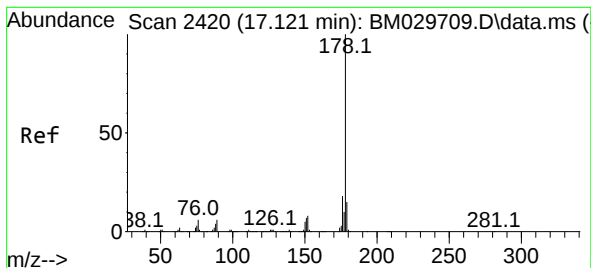
Tgt Ion:188 Resp: 472621
Ion Ratio Lower Upper
188 100
94 6.4 6.0 9.0
80 6.8 6.6 9.8



#71
Phenanthrene
Concen: 10.98 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:178 Resp: 292315
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 14.9 12.2 18.4

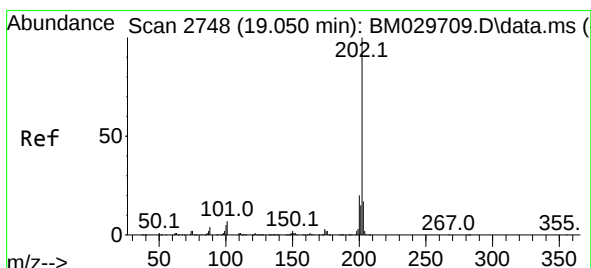
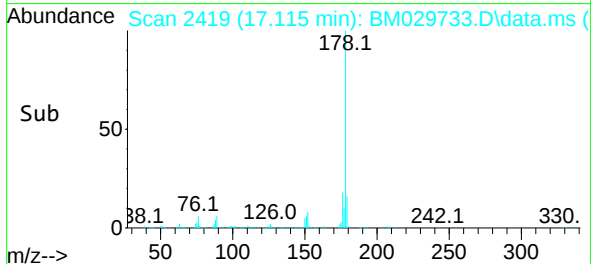
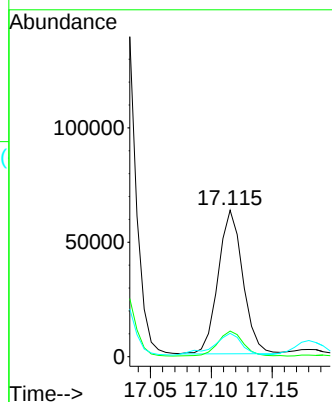
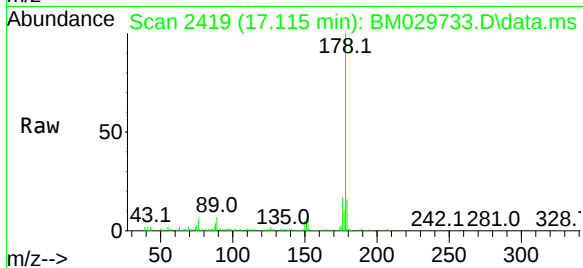




#72
 Anthracene
 Concen: 3.36 ng
 RT: 17.115 min Scan# 2419
 Delta R.T. -0.006 min
 Lab File: BM029733.D
 Acq: 30 Apr 2021 17:24

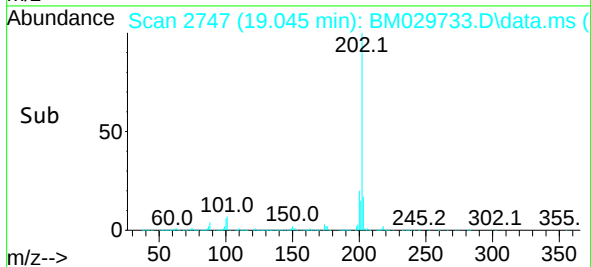
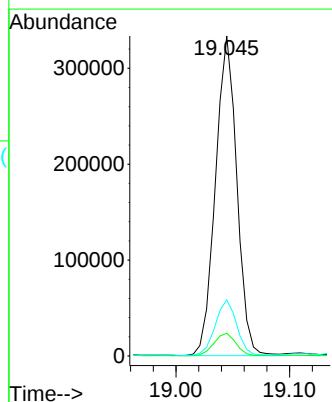
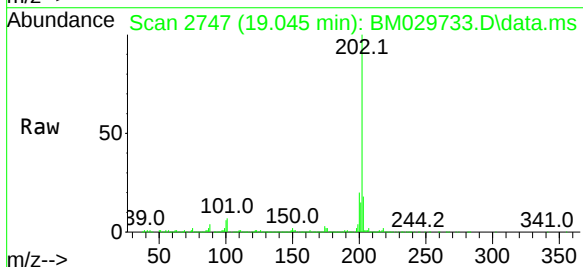
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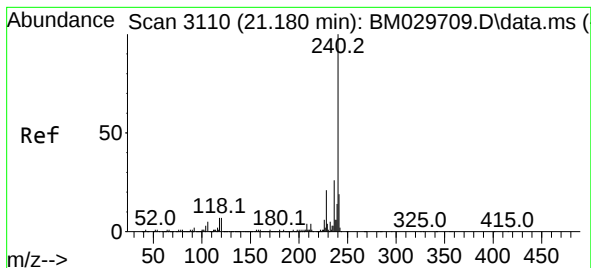
Tgt Ion:178 Resp: 88802
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.0 22.4
 179 16.0 12.5 18.7



#75
 Fluoranthene
 Concen: 13.32 ng
 RT: 19.045 min Scan# 2747
 Delta R.T. -0.006 min
 Lab File: BM029733.D
 Acq: 30 Apr 2021 17:24

Tgt Ion:202 Resp: 435650
 Ion Ratio Lower Upper
 202 100
 101 7.1 0.0 28.6
 203 17.6 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: BM029733.D

Acq: 30 Apr 2021 17:24

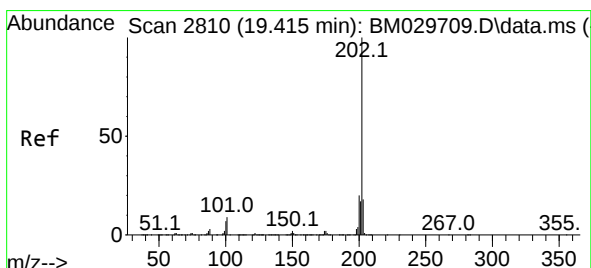
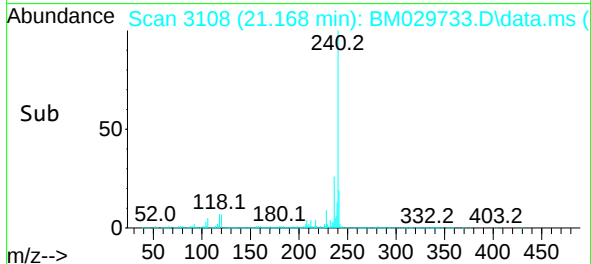
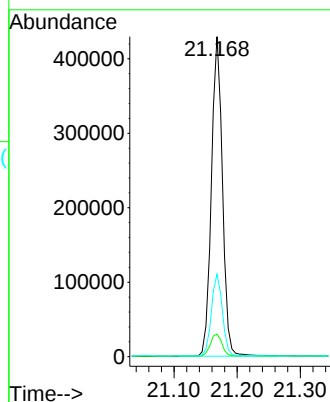
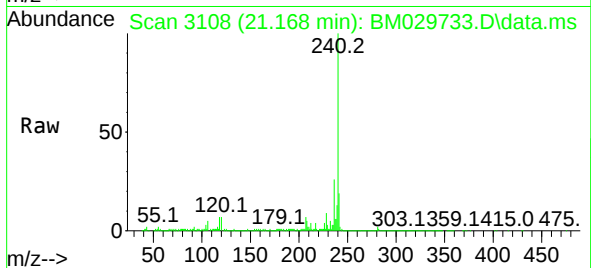
Instrument :

BNA_M

ClientSampleId :

OLD-GIBBONS-COMPOSITE-OF-8

Tgt Ion:240	Resp: 523218
Ion Ratio	Lower Upper
240 100	
120 7.1	7.0 10.6
236 25.8	21.0 31.4



#78

Pyrene

Concen: 13.23 ng

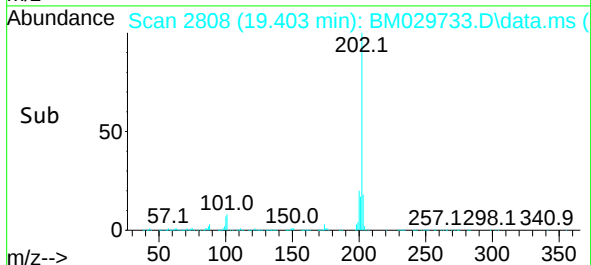
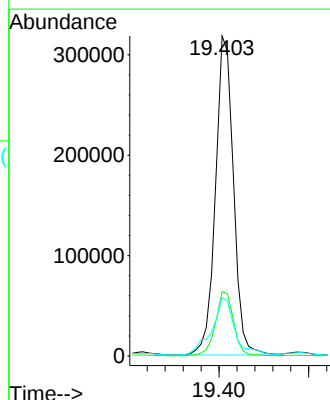
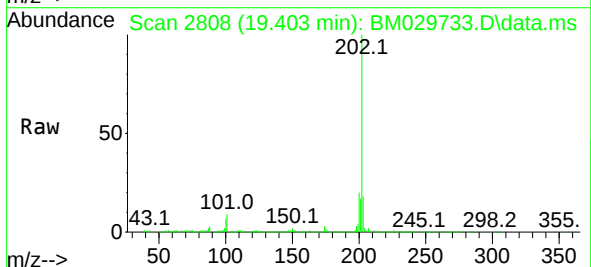
RT: 19.403 min Scan# 2808

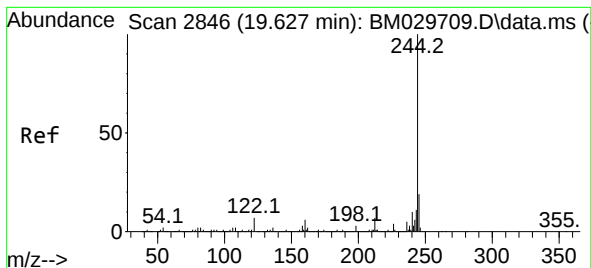
Delta R.T. -0.012 min

Lab File: BM029733.D

Acq: 30 Apr 2021 17:24

Tgt Ion:202	Resp: 443790
Ion Ratio	Lower Upper
202 100	
200 20.1	17.3 25.9
203 18.3	13.9 20.9





#79

Terphenyl-d14

Concen: 29.30 ng

RT: 19.615 min Scan# 2844

Delta R.T. -0.012 min

Lab File: BM029733.D

Acq: 30 Apr 2021 17:24

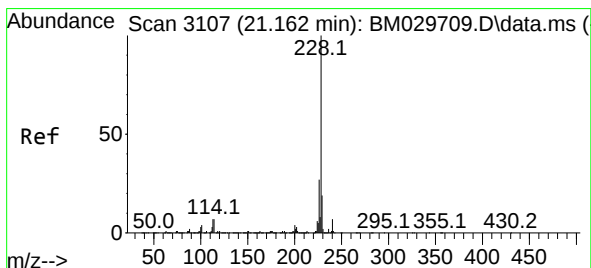
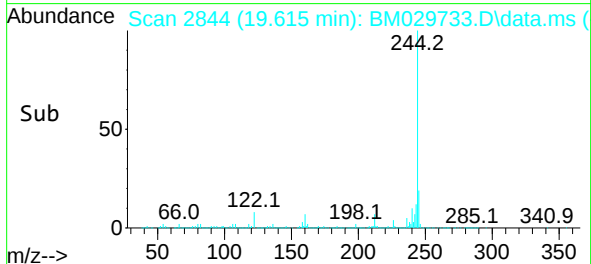
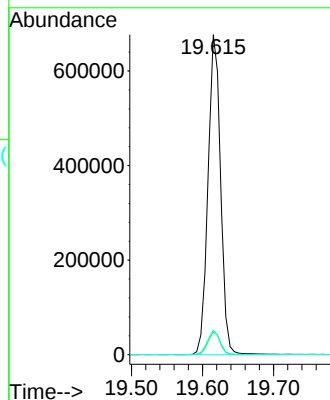
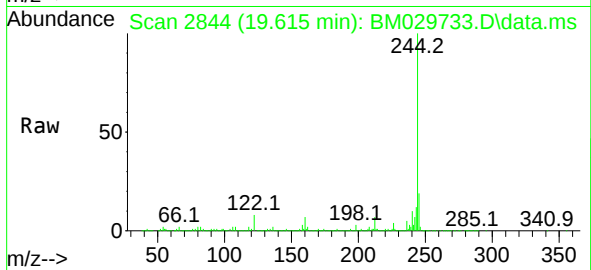
Tgt Ion:244 Resp: 835352

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 7.6 6.9 10.3



#81

Benzo(a)anthracene

Concen: 6.58 ng

RT: 21.150 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM029733.D

Acq: 30 Apr 2021 17:24

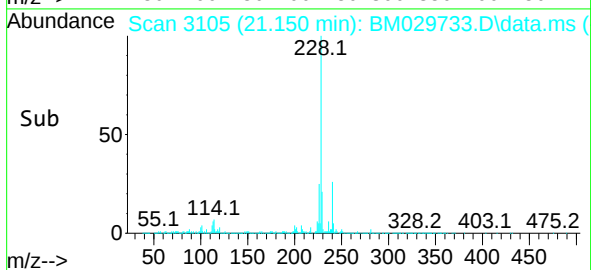
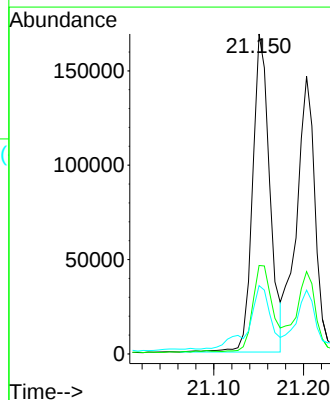
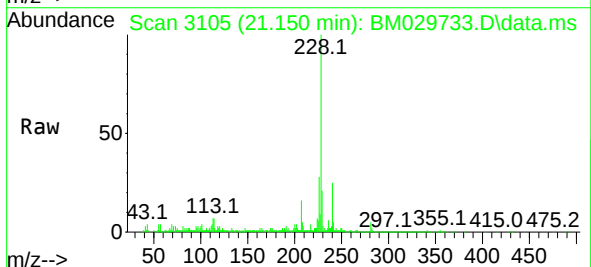
Tgt Ion:228 Resp: 223882

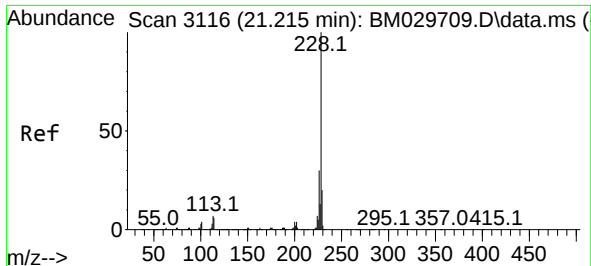
Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 21.3 15.7 23.5

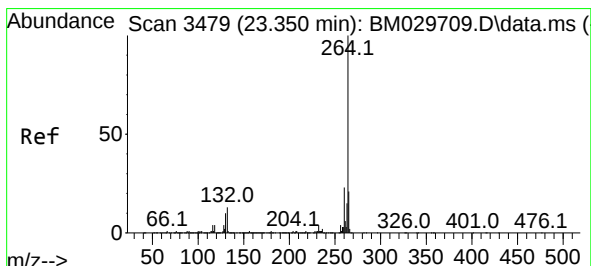
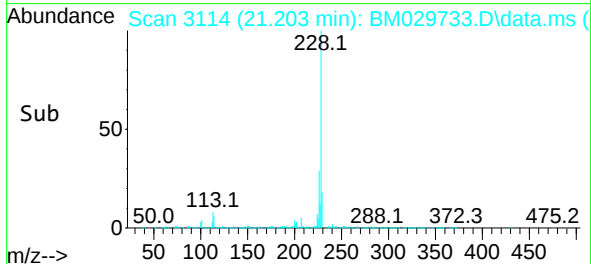
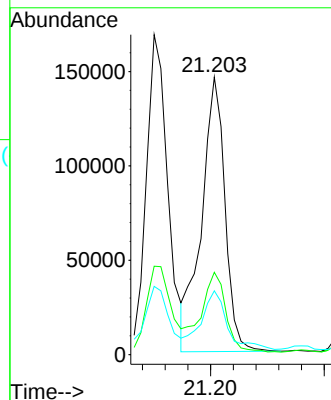
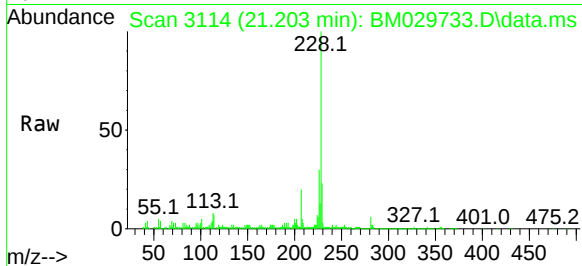




#83
Chrysene
Concen: 6.19 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

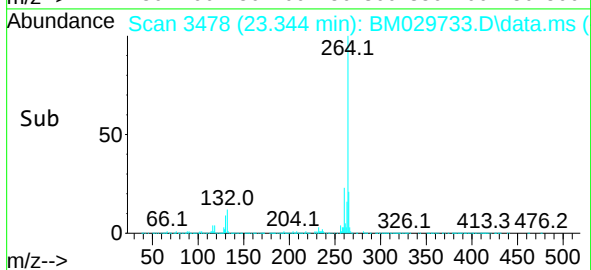
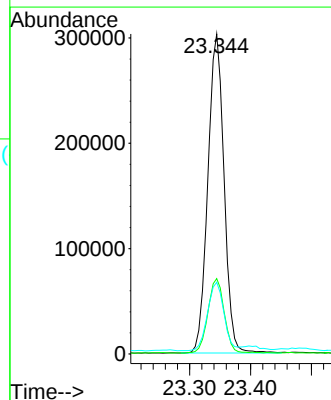
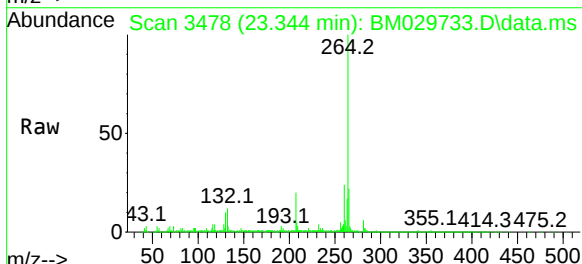
Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8

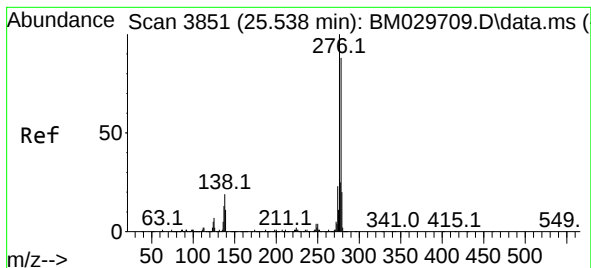
Tgt Ion:228 Resp: 209249
Ion Ratio Lower Upper
228 100
226 29.7 24.6 36.8
229 23.0 15.5 23.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.344 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:264 Resp: 560536
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.8
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.88 ng

RT: 25.515 min Scan# 3847

Delta R.T. -0.023 min

Lab File: BM029733.D

Acq: 30 Apr 2021 17:24

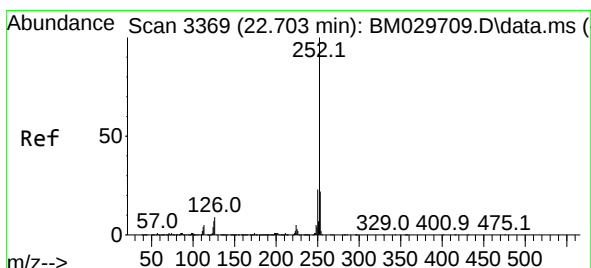
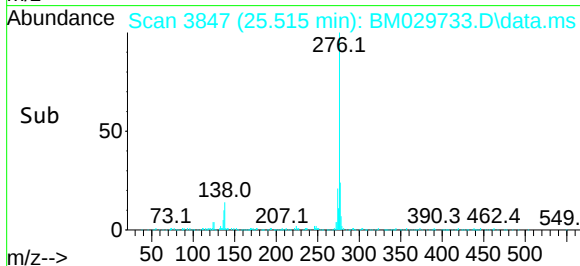
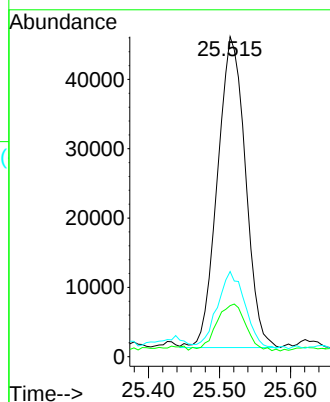
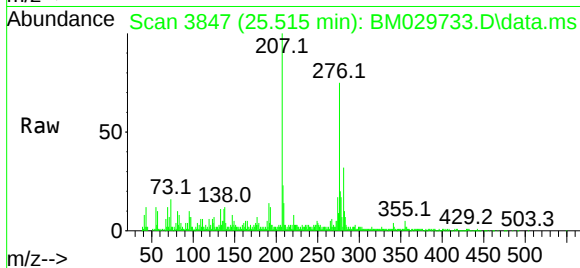
Instrument :

BNA_M

ClientSampleId :

OLD-GIBBONS-COMPOSITE-OF-8

Tgt Ion:	276	Resp:	122406
Ion Ratio	Lower	Upper	
276	100		
138	15.9	17.1	25.7#
277	24.6	20.3	30.5



#88

Benzo(b)fluoranthene

Concen: 9.09 ng

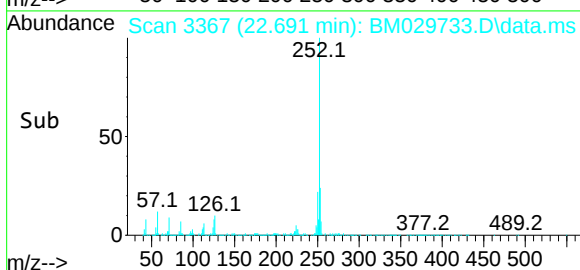
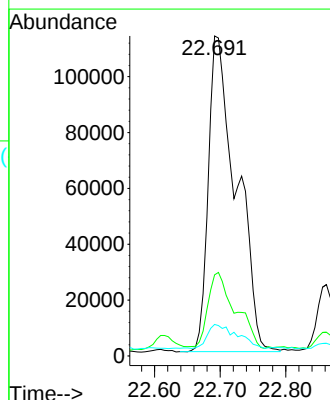
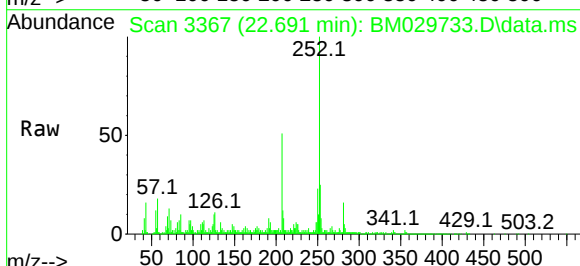
RT: 22.691 min Scan# 3367

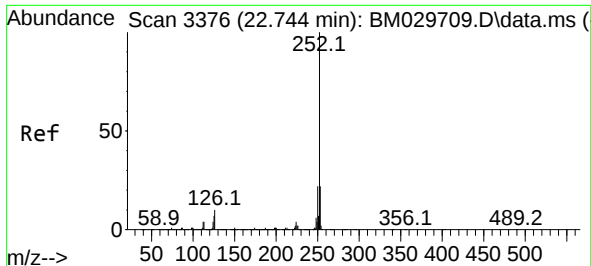
Delta R.T. -0.012 min

Lab File: BM029733.D

Acq: 30 Apr 2021 17:24

Tgt Ion:	252	Resp:	336855
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.0
125	9.9	6.8	10.2

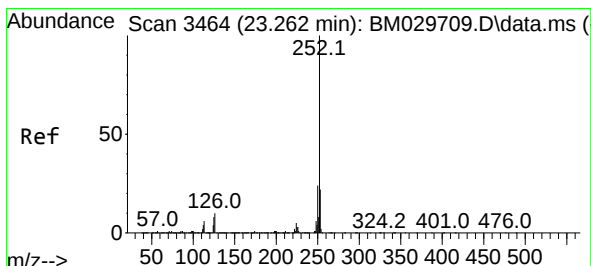
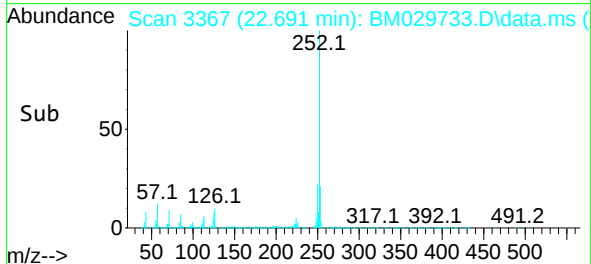
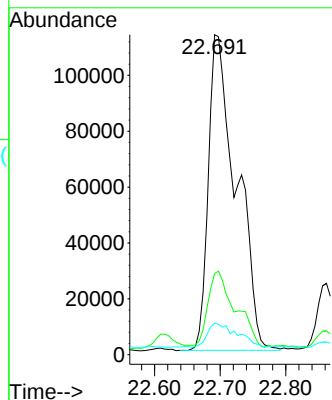
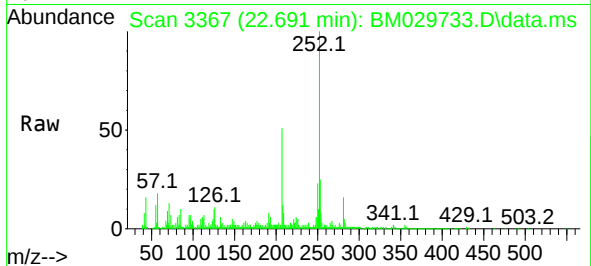




#89
Benzo(k)fluoranthene
Concen: 9.38 ng
RT: 22.691 min Scan# 3367
Delta R.T. -0.053 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

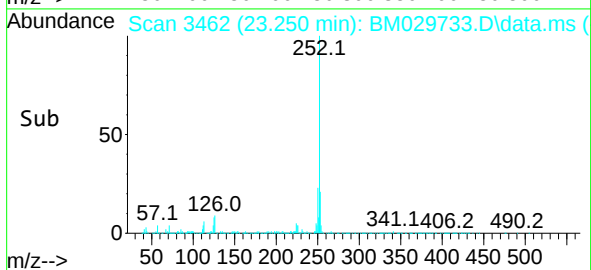
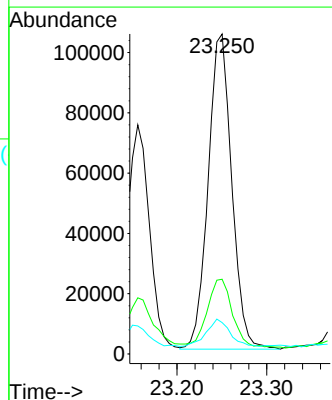
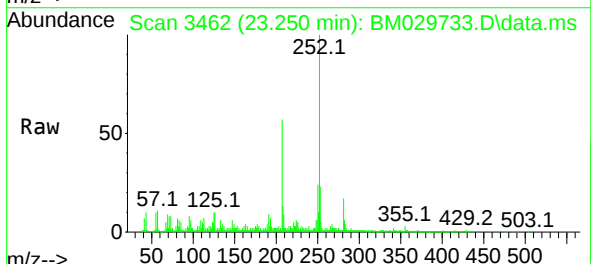
Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8

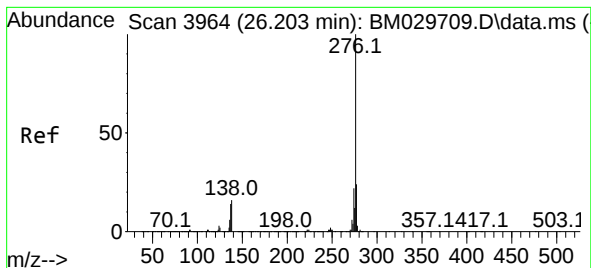
Tgt Ion:252 Resp: 336855
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 9.9 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 5.63 ng
RT: 23.250 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:252 Resp: 191046
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.8 7.3 10.9





#92

Benzo(g,h,i)perylene

Concen: 3.73 ng

RT: 26.179 min Scan# 3960

Delta R.T. -0.023 min

Lab File: BM029733.D

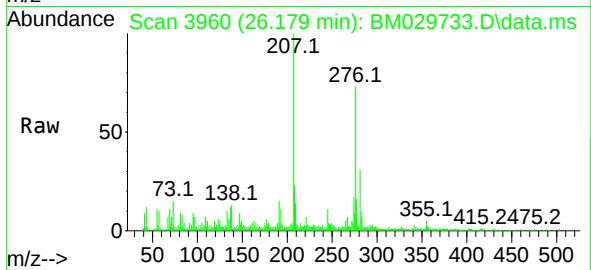
Acq: 30 Apr 2021 17:24

Instrument :

BNA_M

ClientSampleId :

OLD-GIBBONS-COMPOSITE-OF-8



Tgt Ion:276 Resp: 128809

Ion Ratio Lower Upper

276 100

277 22.5 19.4 29.2

138 18.0 14.4 21.6

