

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
 Data File : BM029107.D
 Acq On : 12 Mar 2021 12:28
 Operator : CG/JU
 Sample : PB135107BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 12 12:58:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	9264	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	34293	20.00	ng	# 0.00
39) Acenaphthene-d10	14.292	164	19083	20.00	ng	0.00
64) Phenanthrene-d10	17.045	188	36574	20.00	ng	0.00
76) Chrysene-d12	21.221	240	32950	20.00	ng	# 0.00
86) Perylene-d12	23.362	264	34163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	77124	137.99	ng	0.00
7) Phenol-d6	6.822	99	90080	122.02	ng	0.00
23) Nitrobenzene-d5	8.798	82	58575	92.15	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	28822	127.44	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	129290	90.19	ng	0.00
79) Terphenyl-d14	19.674	244	163075	91.38	ng	0.00

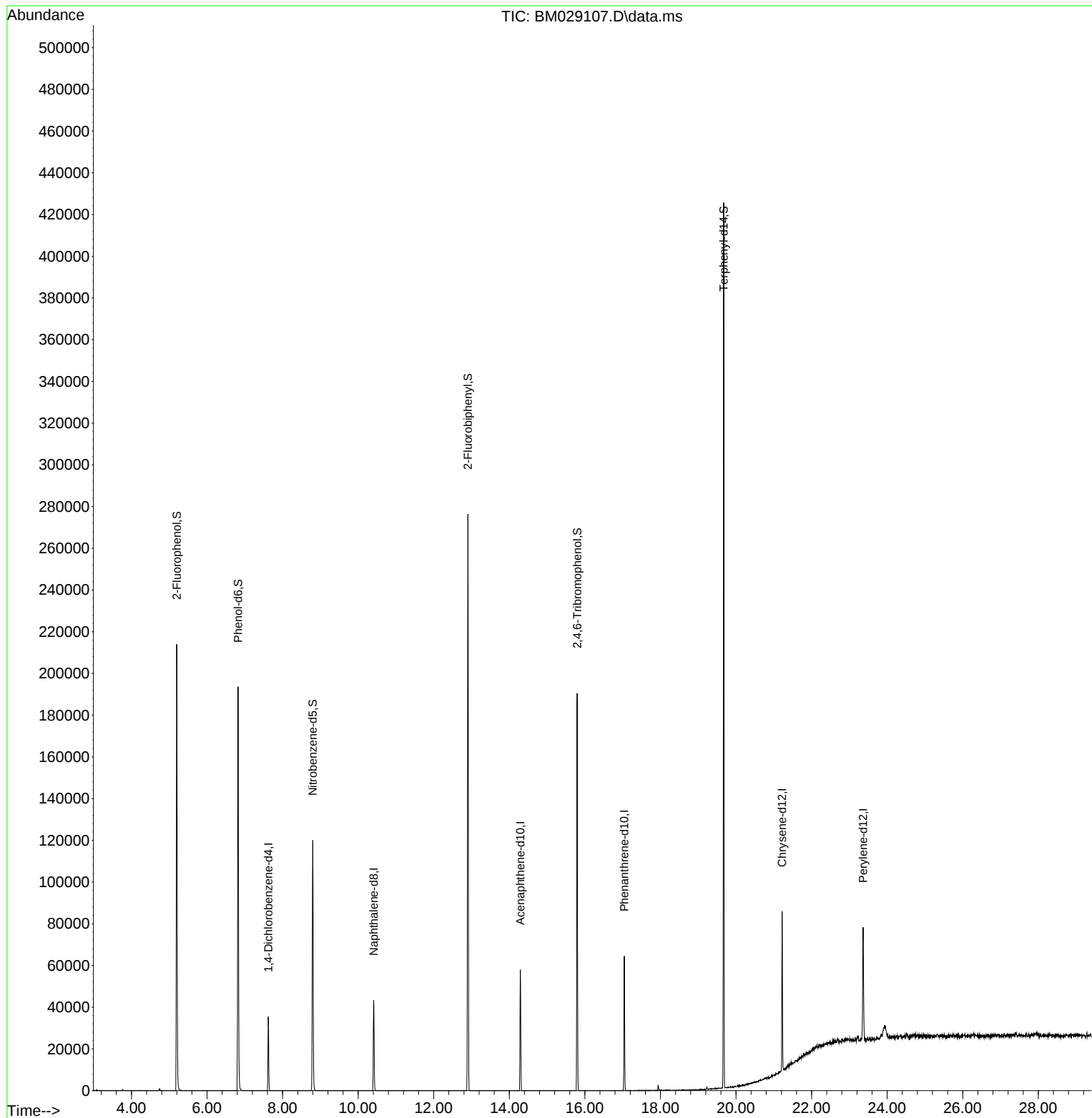
Target Compounds	Qvalue

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

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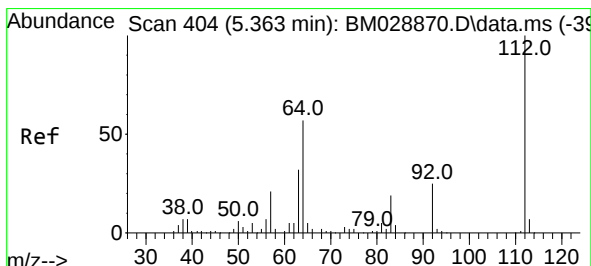
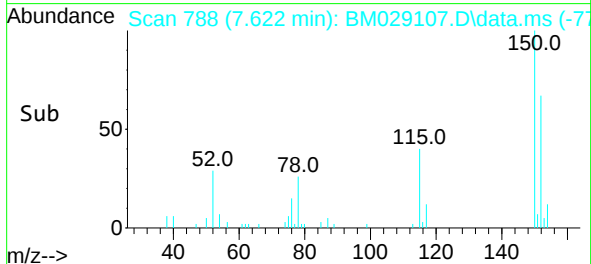
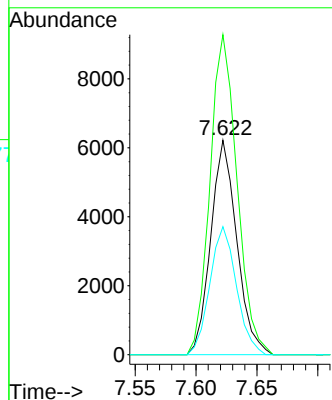
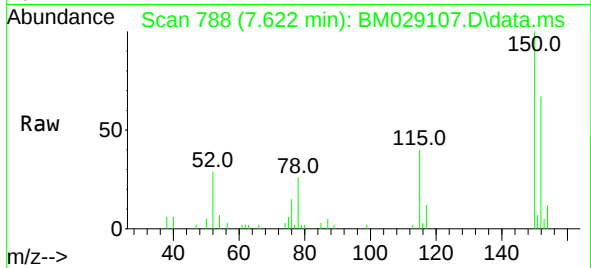




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 788
Delta R.T. 0.000 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28

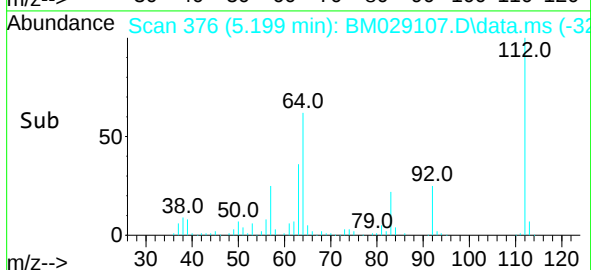
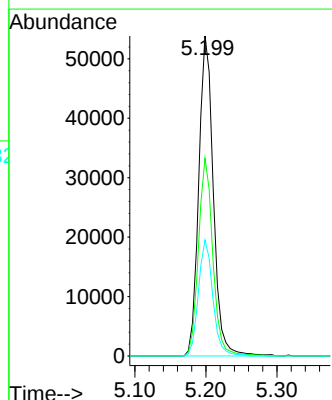
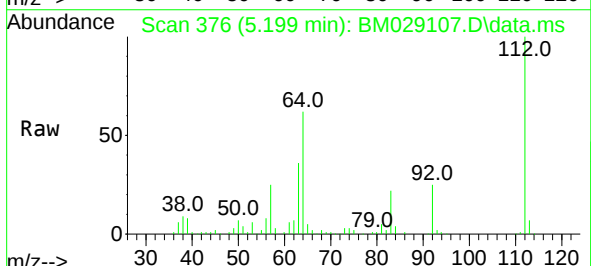
Instrument :
BNA_M
ClientSampleId :

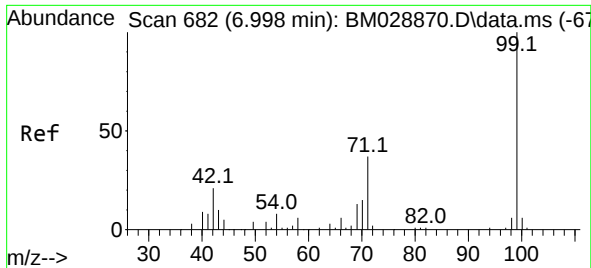
Tgt Ion:152 Resp: 9264
Ion Ratio Lower Upper
152 100
150 149.3 120.6 181.0
115 59.7 47.2 70.8



#5
2-Fluorophenol
Concen: 137.99 ng
RT: 5.199 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28

Tgt Ion:112 Resp: 77124
Ion Ratio Lower Upper
112 100
64 61.8 50.6 76.0
63 36.2 31.0 46.6

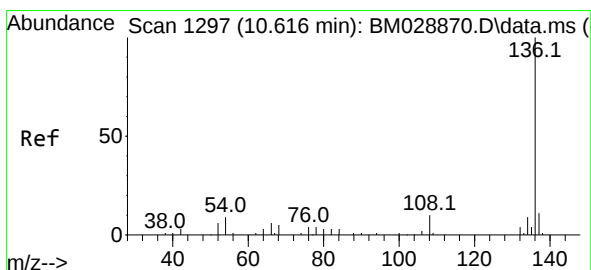
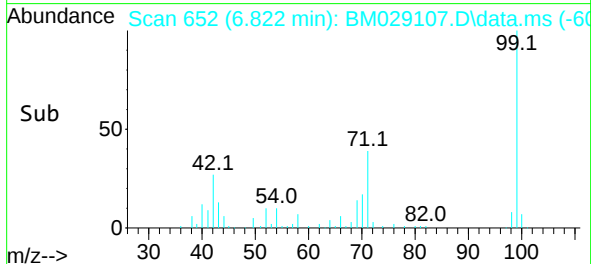
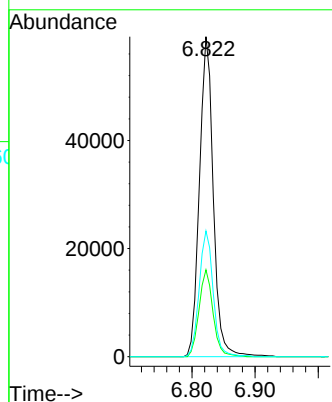
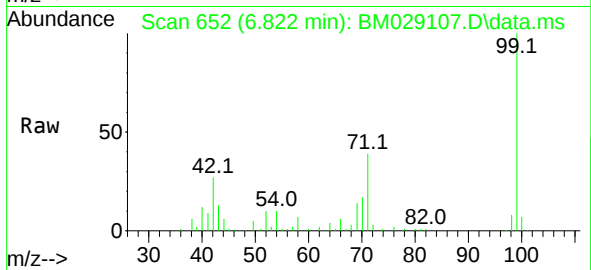




#7
Phenol-d6
Concen: 122.02 ng
RT: 6.822 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28

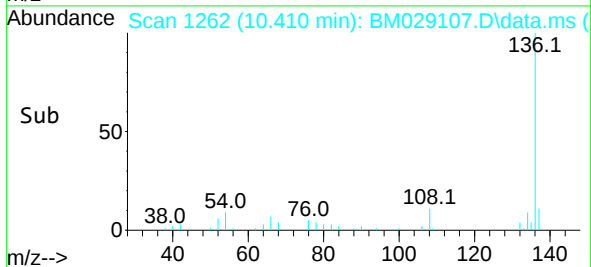
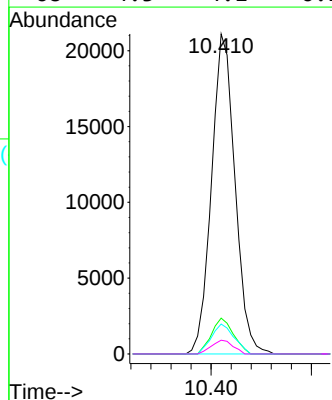
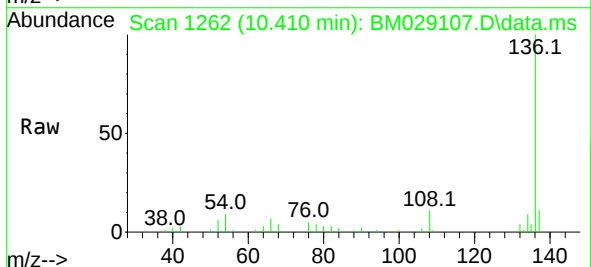
Instrument :
BNA_M
ClientSampleId :

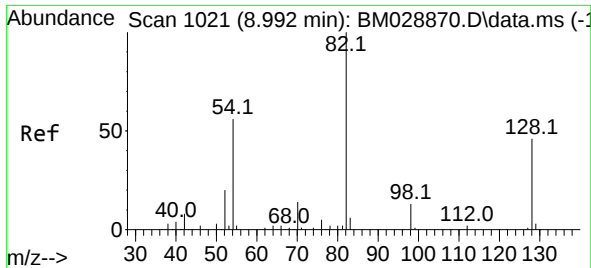
Tgt Ion: 99 Resp: 90080
Ion Ratio Lower Upper
99 100
42 27.1 13.5 20.3#
71 39.3 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28

Tgt Ion: 136 Resp: 34293
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.3 4.6 7.0#
68 4.3 4.1 6.1

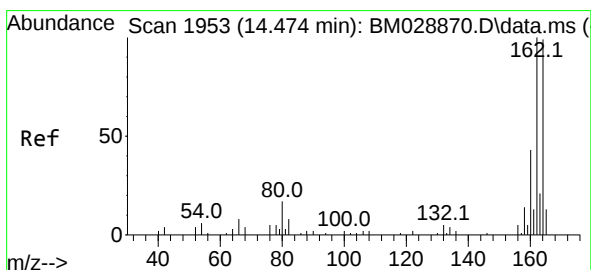
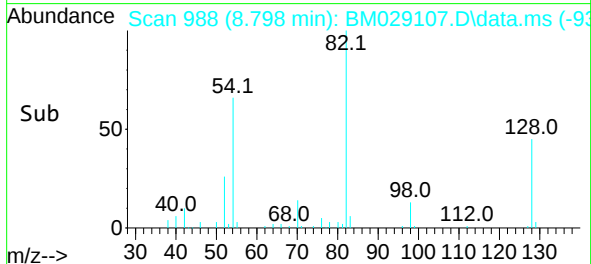
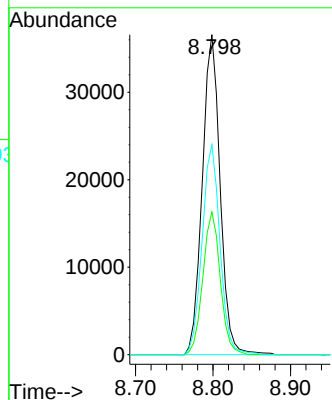
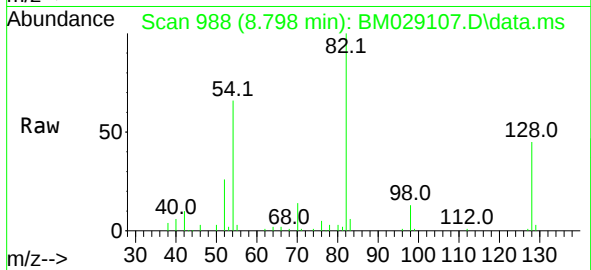




#23
Nitrobenzene-d5
Concen: 92.15 ng
RT: 8.798 min Scan# 988
Delta R.T. 0.000 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28

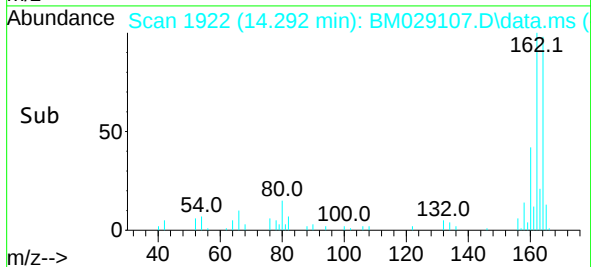
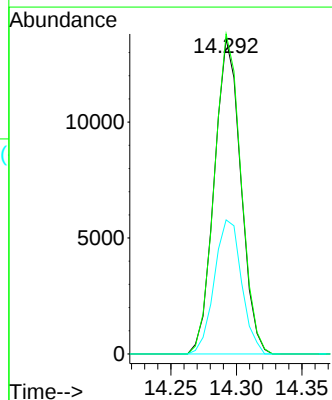
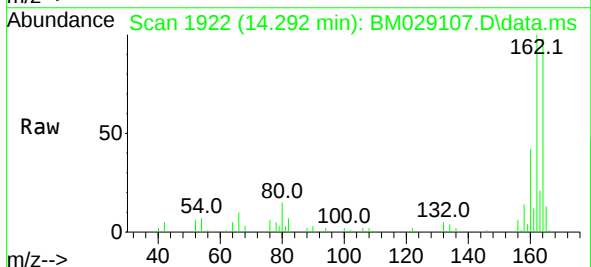
Instrument :
BNA_M
ClientSampled :

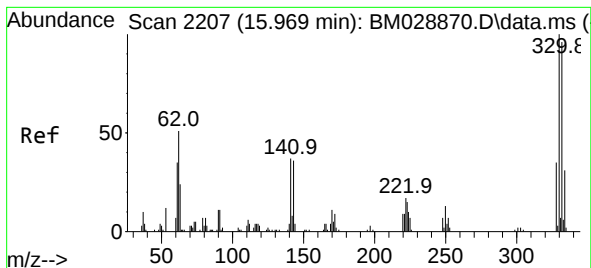
Tgt Ion: 82 Resp: 58575
Ion Ratio Lower Upper
82 100
128 44.6 27.4 41.0#
54 65.6 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28

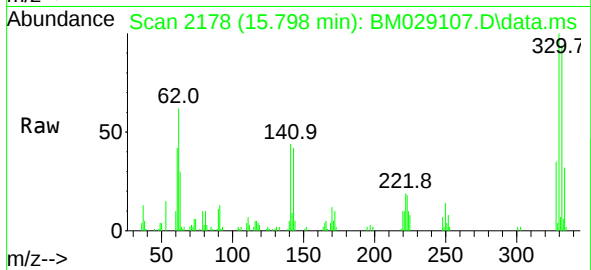
Tgt Ion:164 Resp: 19083
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 42.6 35.9 53.9



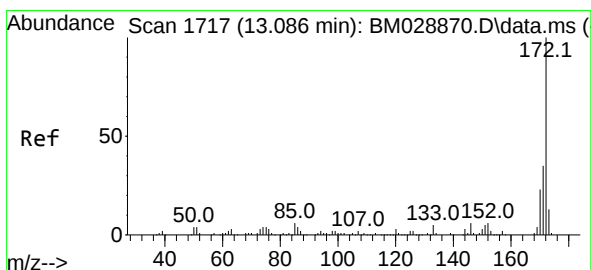
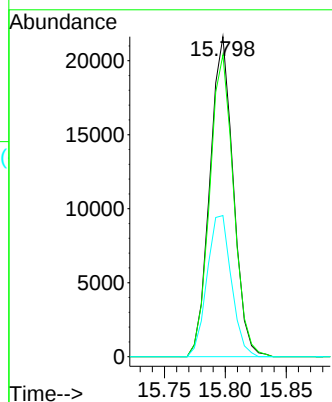
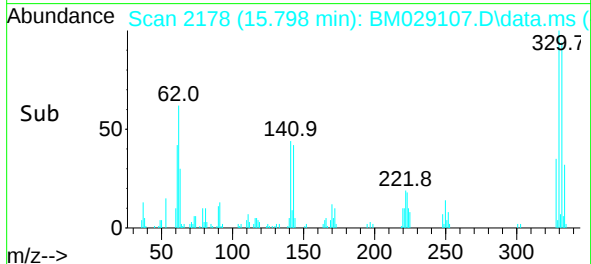


#42
2,4,6-Tribromophenol
Concen: 127.44 ng
RT: 15.798 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28

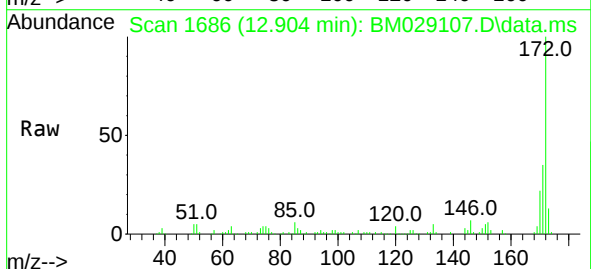
Instrument :
BNA_M
ClientSampled :



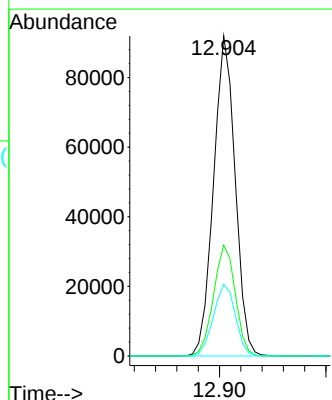
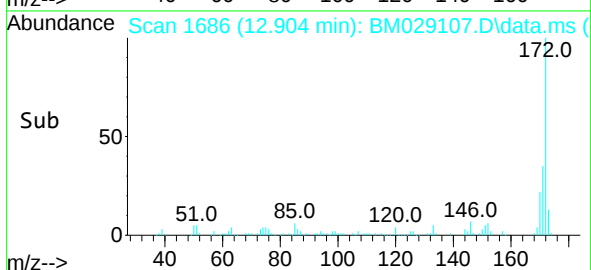
Tgt Ion:330 Resp: 28822
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 45.9 28.4 42.6#

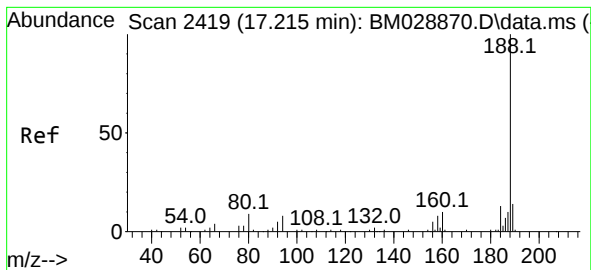


#45
2-Fluorobiphenyl
Concen: 90.19 ng
RT: 12.904 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BM029107.D
Acq: 12 Mar 2021 12:28



Tgt Ion:172 Resp: 129290
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.045 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BM029107.D

Acq: 12 Mar 2021 12:28

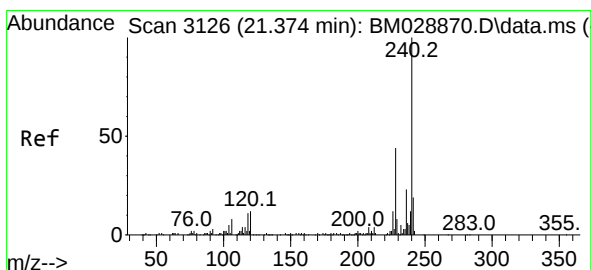
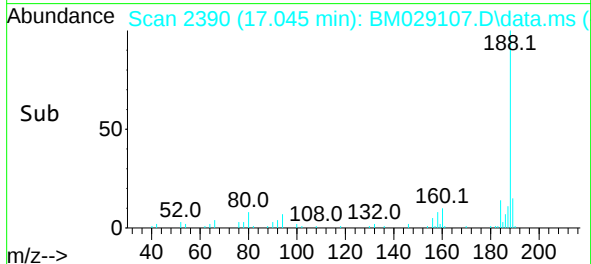
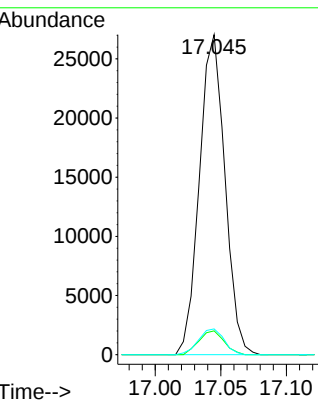
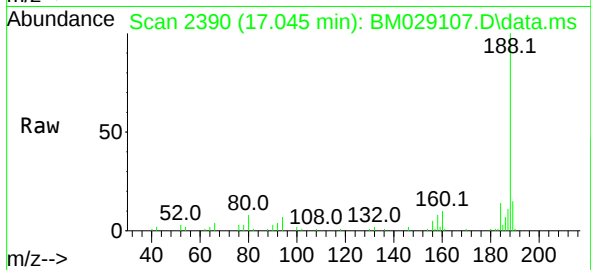
Tgt Ion:188 Resp: 36574

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

80 8.0 7.5 11.3



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.221 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM029107.D

Acq: 12 Mar 2021 12:28

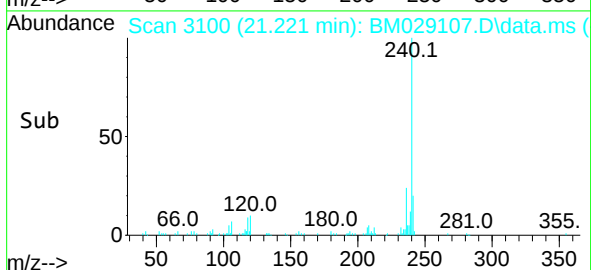
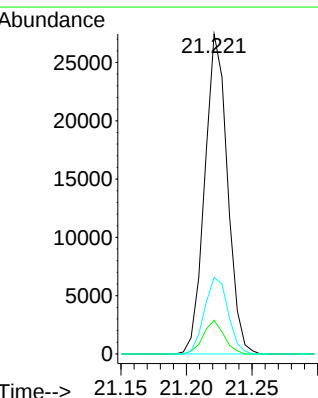
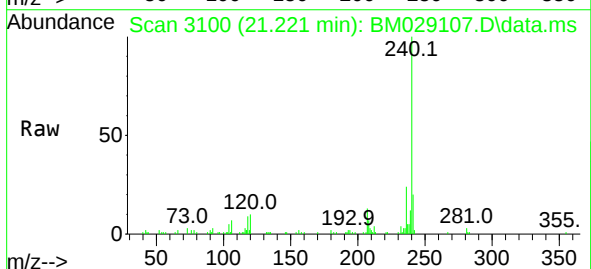
Tgt Ion:240 Resp: 32950

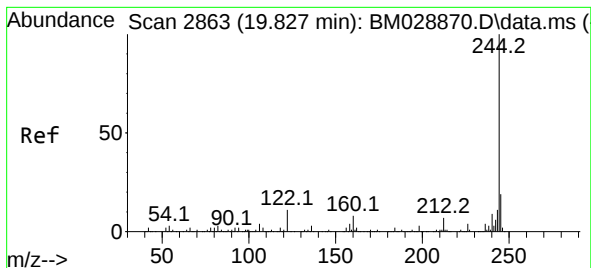
Ion Ratio Lower Upper

240 100

120 10.5 6.4 9.6#

236 23.9 20.1 30.1





#79

Terphenyl-d14

Concen: 91.38 ng

RT: 19.674 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BM029107.D

Acq: 12 Mar 2021 12:28

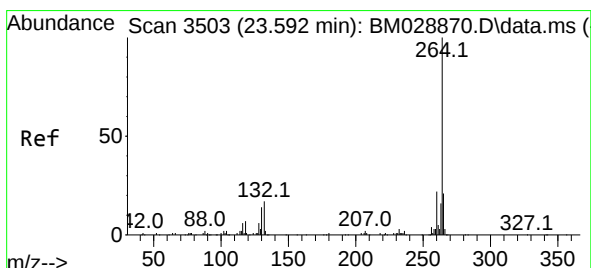
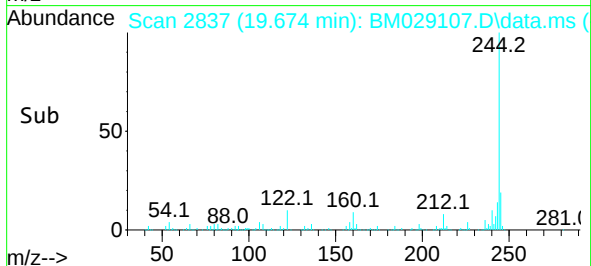
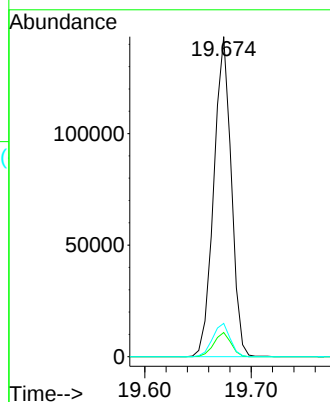
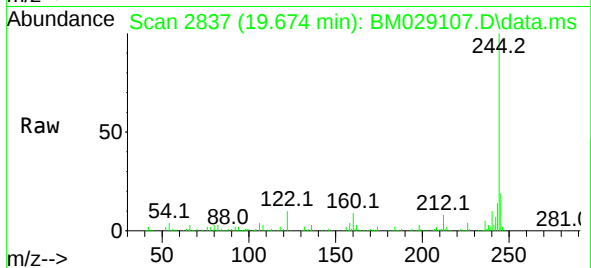
Tgt Ion:244 Resp: 163075

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 10.4 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.362 min Scan# 3464

Delta R.T. -0.006 min

Lab File: BM029107.D

Acq: 12 Mar 2021 12:28

Tgt Ion:264 Resp: 34163

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 22.1 17.7 26.5

