

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
 Data File : BM031038.D
 Acq On : 21 Jul 2021 10:27
 Operator : CG/JU
 Sample : PB137674BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB137674BL

Quant Time: Jul 21 11:02:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	61193	20.000	ng	0.00
21) Naphthalene-d8	10.404	136	261884	20.000	ng	0.00
39) Acenaphthene-d10	14.263	164	182796	20.000	ng	-0.01
64) Phenanthrene-d10	17.009	188	427470	20.000	ng	-0.01
76) Chrysene-d12	21.203	240	483123	20.000	ng	0.00
86) Perylene-d12	23.380	264	524714	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	556023	163.164	ng	0.00
7) Phenol-d6	6.822	99	718315	145.408	ng	0.00
23) Nitrobenzene-d5	8.786	82	462412	88.656	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	307579	128.856	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	1067909	87.167	ng	0.00
79) Terphenyl-d14	19.656	244	2336002	95.667	ng	0.00

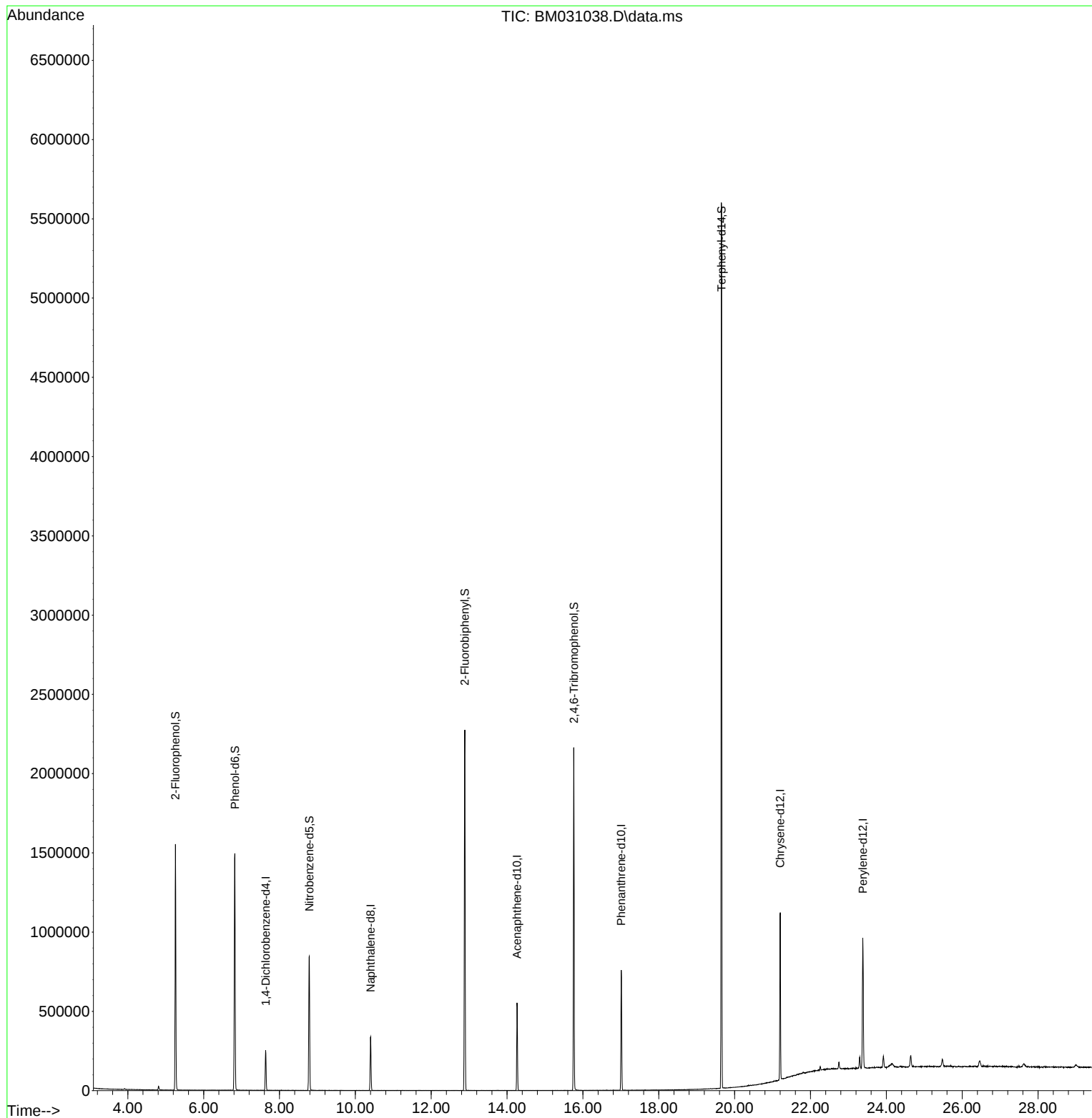
Target Compounds	Qvalue

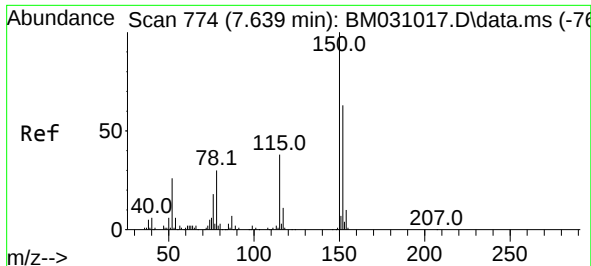
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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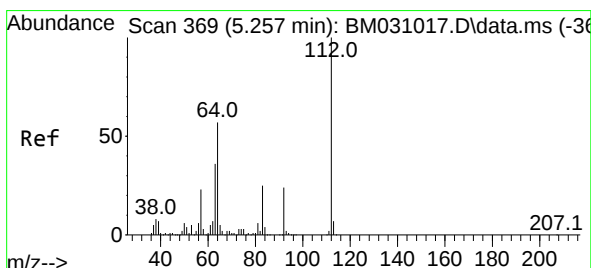
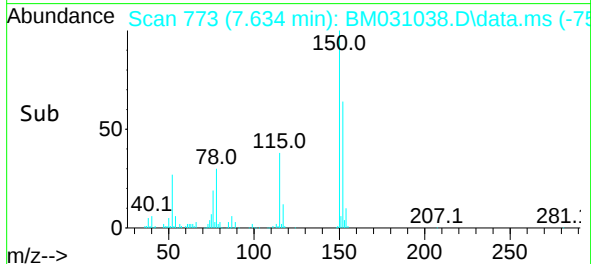
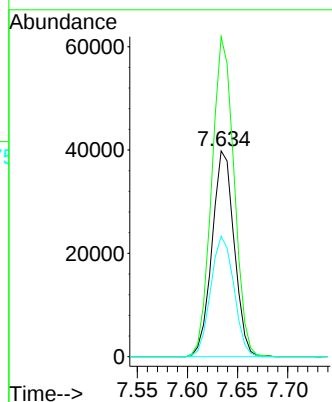
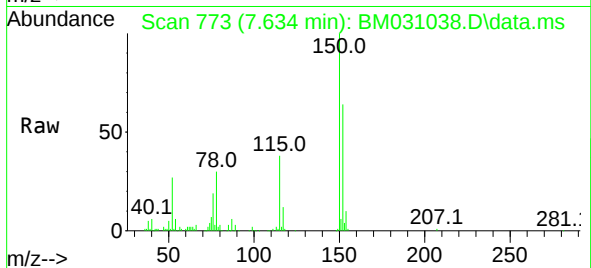




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.005 min
Lab File: BM031038.D
Acq: 21 Jul 2021 10:27

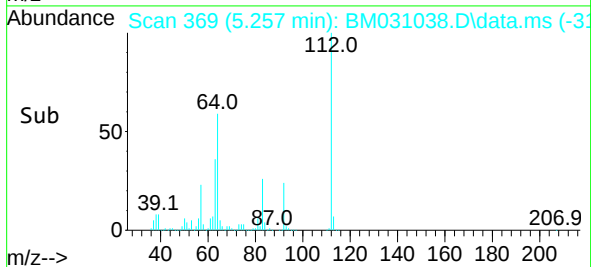
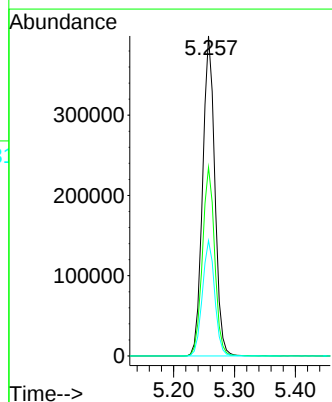
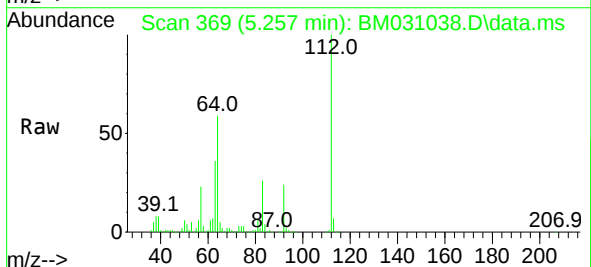
Instrument :
BNA_M
ClientSampleId :
PB137674BL

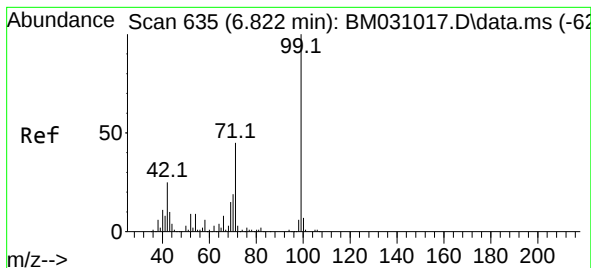
Tgt Ion:152 Resp: 61193
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 58.5 44.6 67.0



#5
2-Fluorophenol
Concen: 163.164 ng
RT: 5.257 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM031038.D
Acq: 21 Jul 2021 10:27

Tgt Ion:112 Resp: 556023
Ion Ratio Lower Upper
112 100
64 58.9 47.1 70.7
63 36.0 27.3 40.9





#7

Phenol-d6

Concen: 145.408 ng

RT: 6.822 min Scan# 635

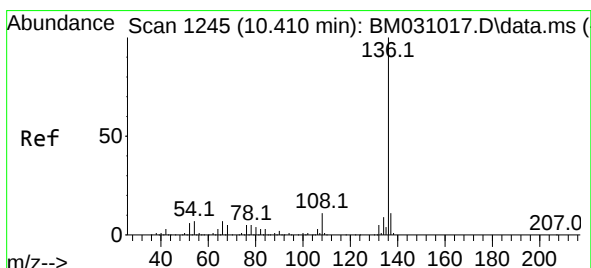
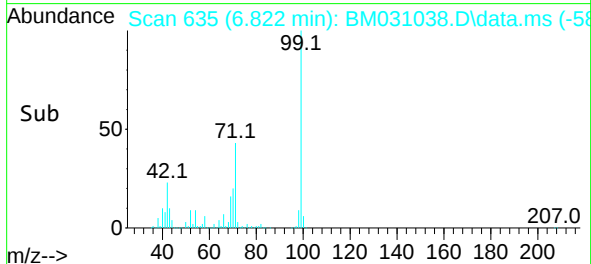
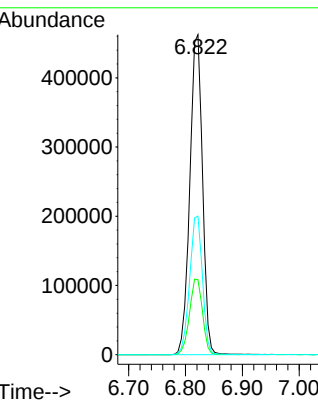
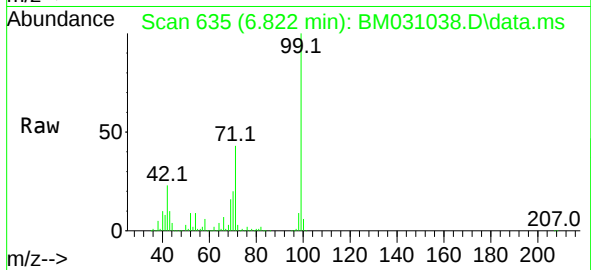
Delta R.T. 0.000 min

Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

Tgt Ion: 99 Resp: 718315

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.0	27.0
71	43.3	30.9	46.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.404 min Scan# 1244

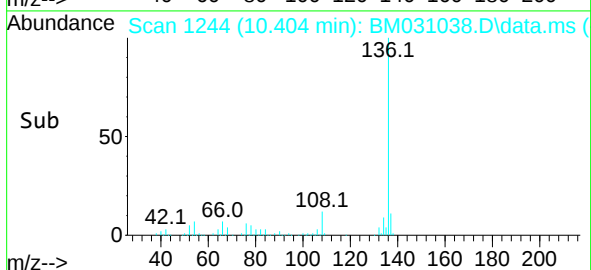
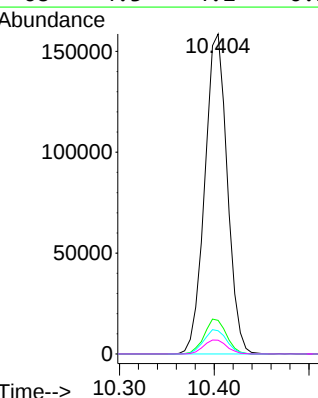
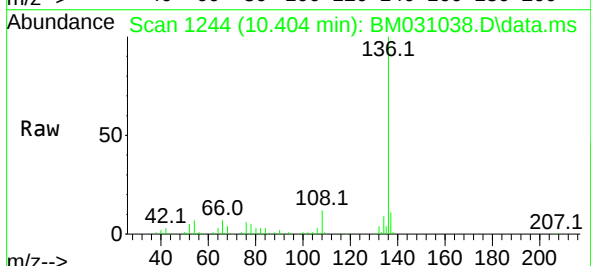
Delta R.T. -0.006 min

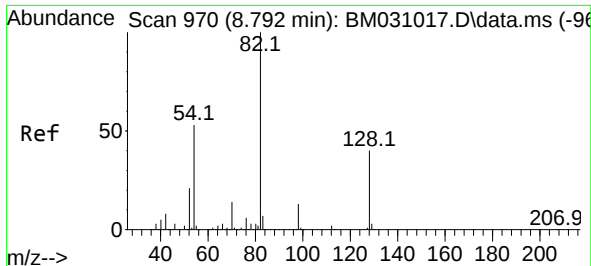
Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

Tgt Ion: 136 Resp: 261884

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.3	5.5	8.3
68	4.3	4.2	6.2

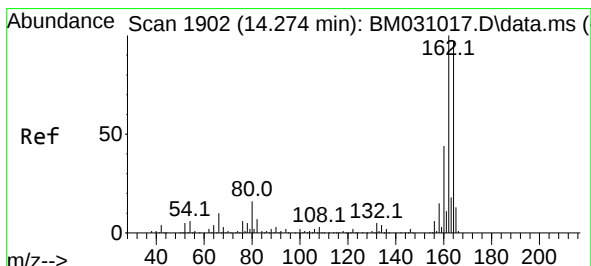
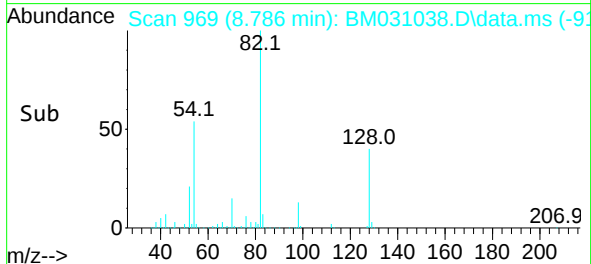
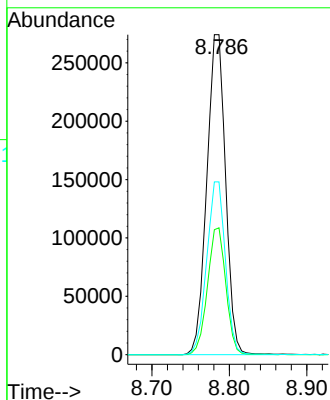
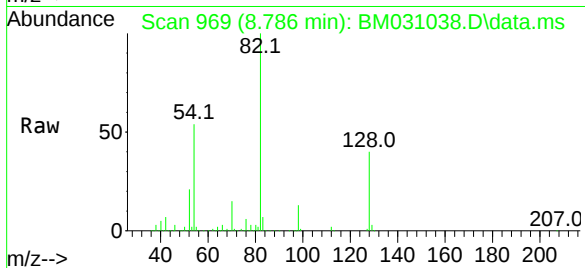




#23
Nitrobenzene-d5
Concen: 88.656 ng
RT: 8.786 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM031038.D
Acq: 21 Jul 2021 10:27

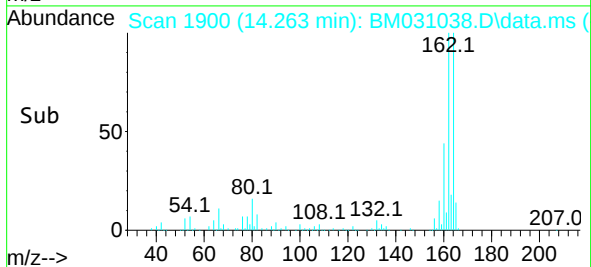
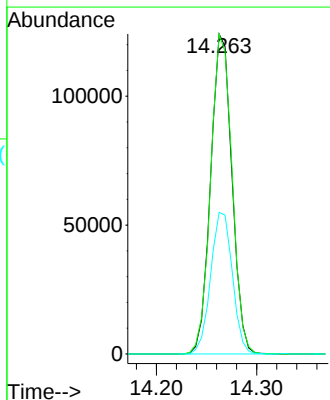
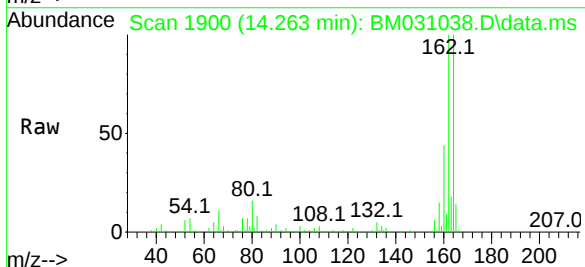
Instrument :
BNA_M
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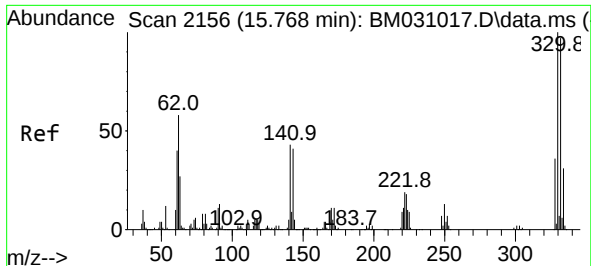
Tgt Ion: 82 Resp: 462412
Ion Ratio Lower Upper
82 100
128 39.6 31.1 46.7
54 54.0 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BM031038.D
Acq: 21 Jul 2021 10:27

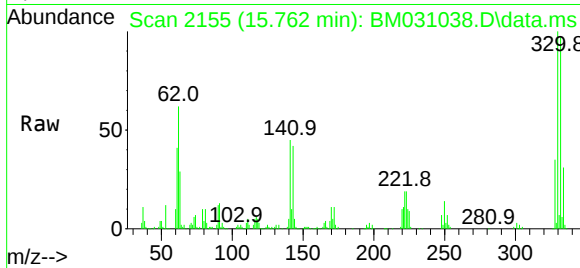
Tgt Ion: 164 Resp: 182796
Ion Ratio Lower Upper
164 100
162 99.8 83.4 125.0
160 44.3 37.2 55.8



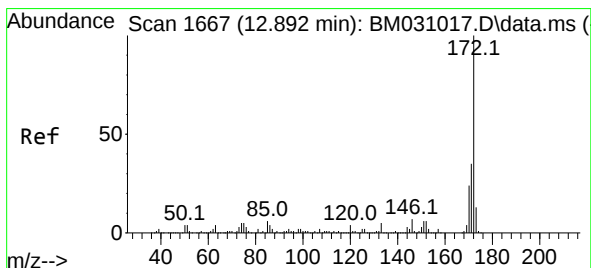
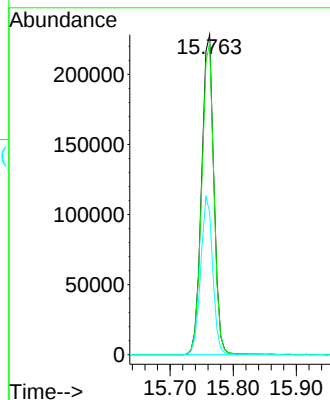
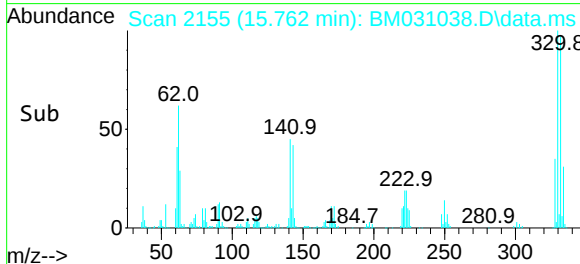


#42
2,4,6-Tribromophenol
Concen: 128.856 ng
RT: 15.762 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031038.D
Acq: 21 Jul 2021 10:27

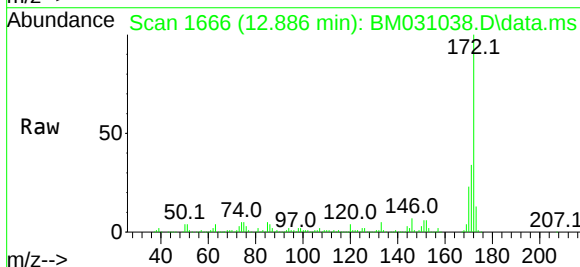
Instrument :
BNA_M
ClientSampleId :
PB137674BL



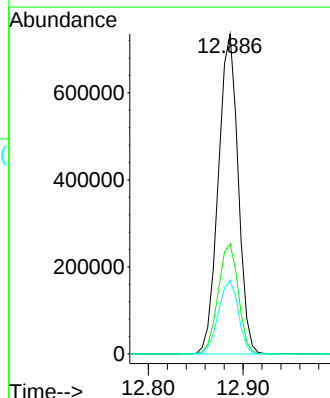
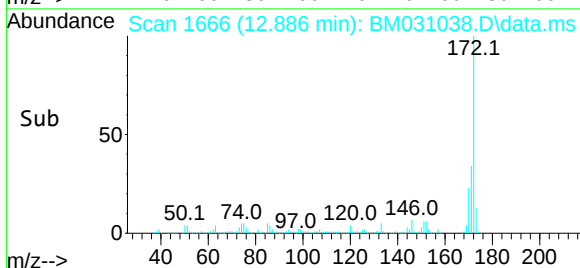
Tgt Ion:330 Resp: 307579
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 48.7 30.2 45.2#

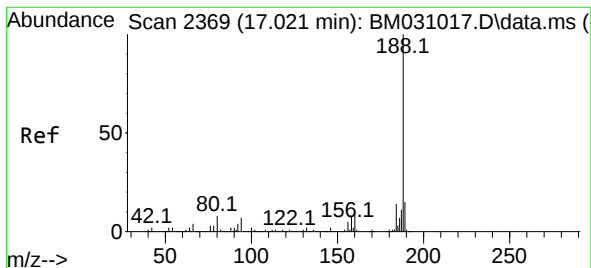


#45
2-Fluorobiphenyl
Concen: 87.167 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031038.D
Acq: 21 Jul 2021 10:27



Tgt Ion:172 Resp: 1067909
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.009 min Scan# 2367

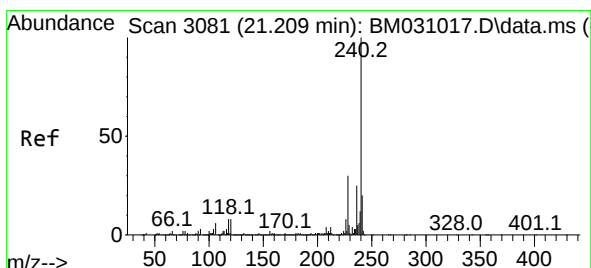
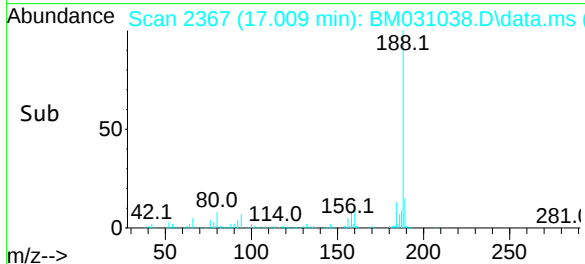
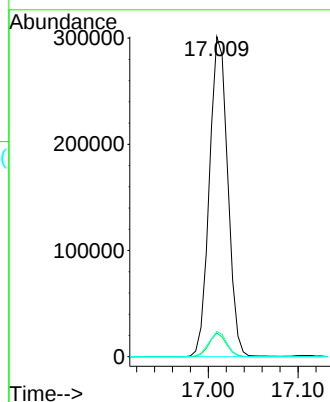
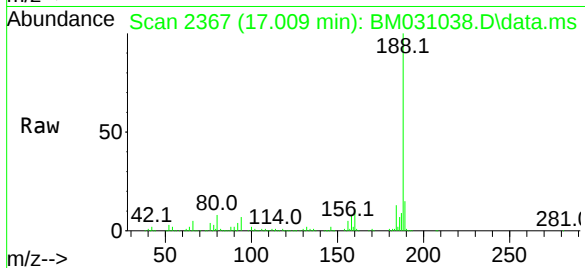
Delta R.T. -0.012 min

Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

Tgt Ion:188 Resp: 427470

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.0	9.0
80	7.9	6.6	9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.203 min Scan# 3080

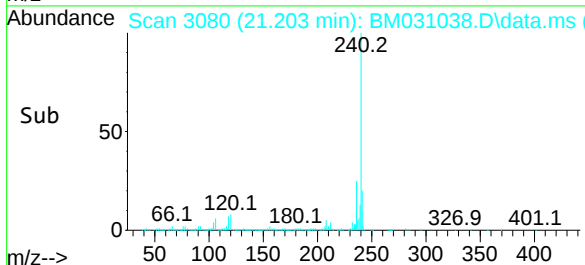
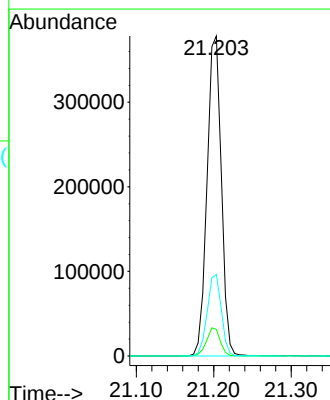
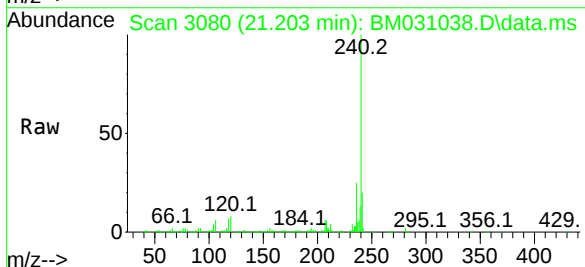
Delta R.T. -0.006 min

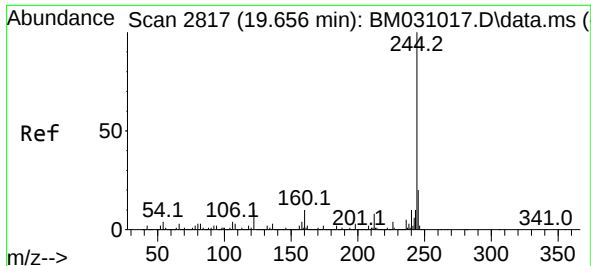
Lab File: BM031038.D

Acq: 21 Jul 2021 10:27

Tgt Ion:240 Resp: 483123

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	25.5	21.0	31.4



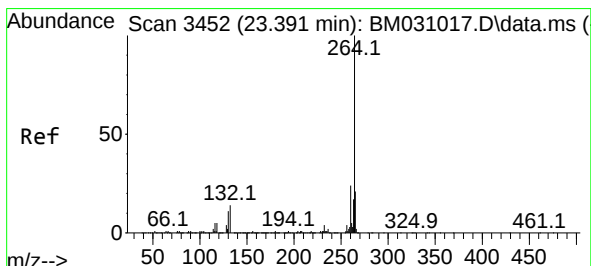
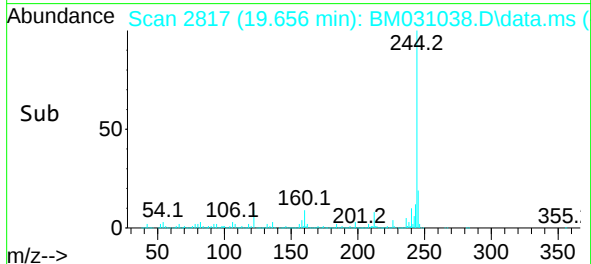
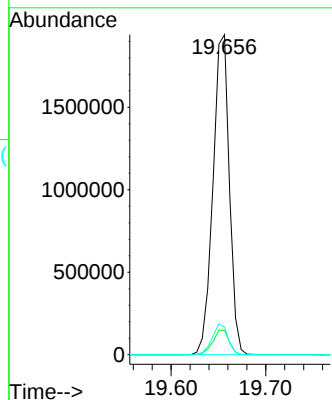
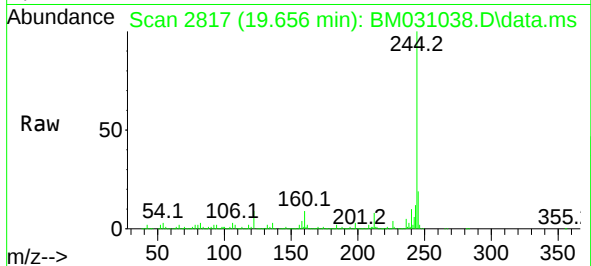


#79
 Terphenyl-d14
 Concen: 95.667 ng
 RT: 19.656 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: BM031038.D
 Acq: 21 Jul 2021 10:27

Instrument :
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Tgt Ion:244 Resp: 2336002

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.6	6.9	10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.380 min Scan# 3450
 Delta R.T. -0.012 min
 Lab File: BM031038.D
 Acq: 21 Jul 2021 10:27

Tgt Ion:264 Resp: 524714

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.8
265	21.5	17.7	26.5

