

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038684.D
 Acq On : 03 Feb 2023 18:11
 Operator : CG/JU
 Sample : 01416-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 EB-2023-2-2

Quant Time: Feb 04 05:21:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	131100	40.000	ng	0.00
21) Naphthalene-d8	10.733	136	441193	40.000	ng	0.00
39) Acenaphthene-d10	14.562	164	322502	40.000	ng	0.00
64) Phenanthrene-d10	17.309	188	691717	40.000	ng	0.00
76) Chrysene-d12	21.486	240	589970	40.000	ng	0.00
86) Perylene-d12	23.880	264	727598	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	233372	69.741	ng	0.00
7) Phenol-d6	7.104	99	198061	51.896	ng	0.00
23) Nitrobenzene-d5	9.098	82	304689	78.453	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	289642	132.151	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1011848	79.887	ng	0.00
79) Terphenyl-d14	19.927	244	1611974	96.432	ng	0.00

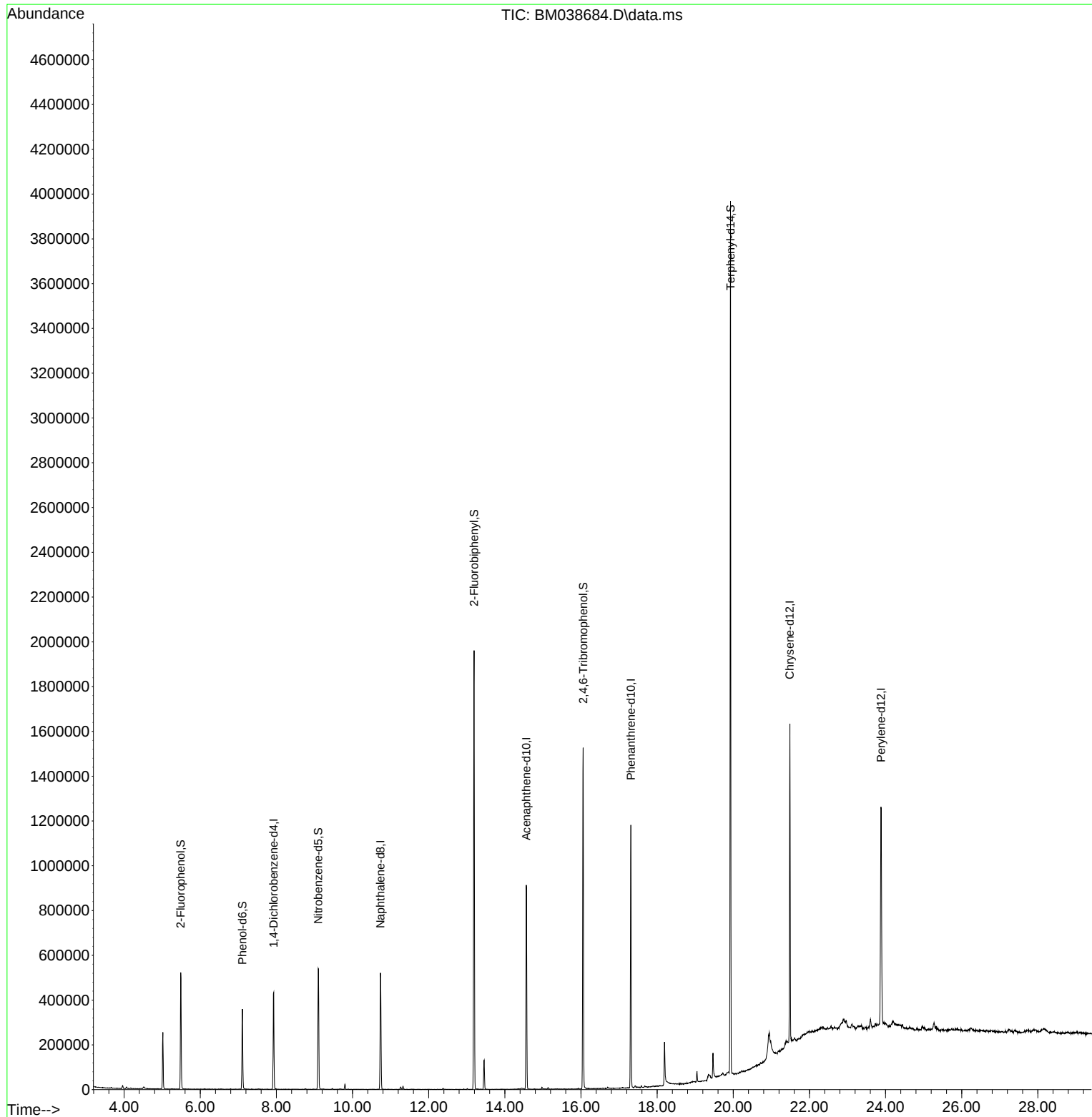
Target Compounds	Qvalue

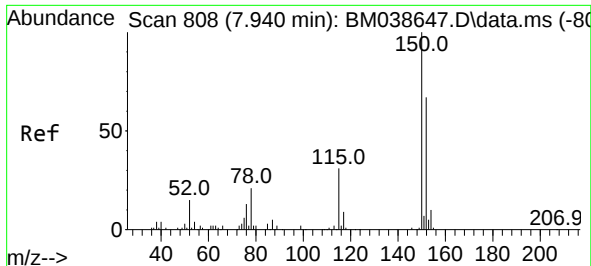
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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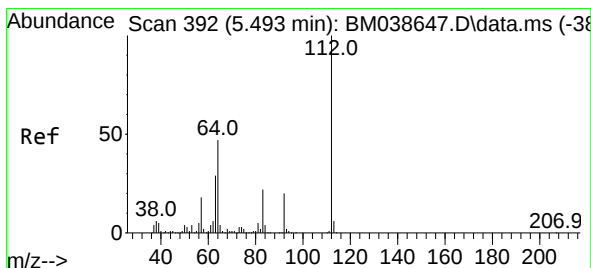
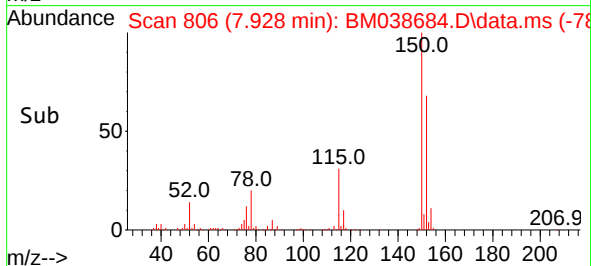
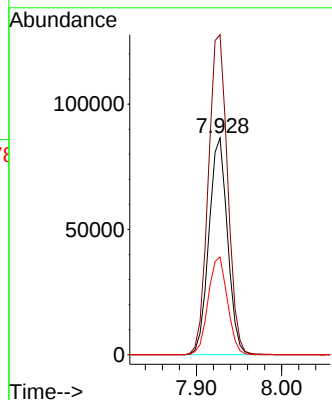
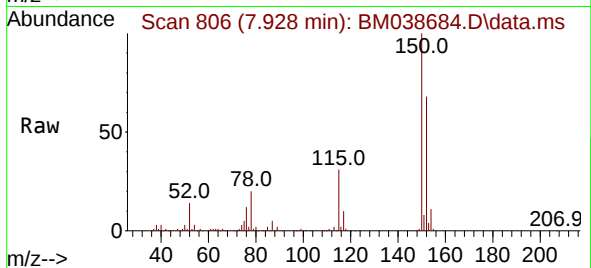




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.928 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM038684.D
Acq: 03 Feb 2023 18:11

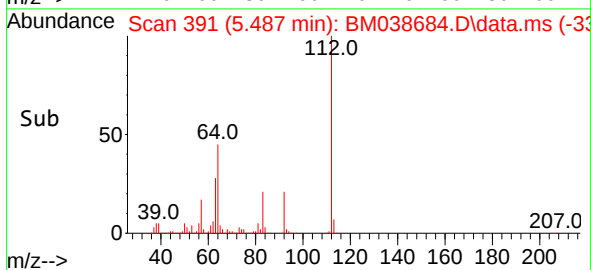
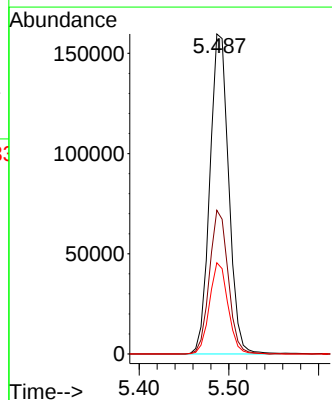
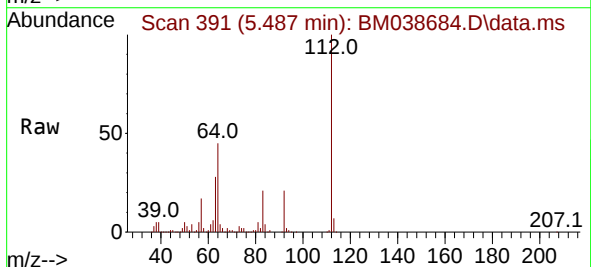
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-2

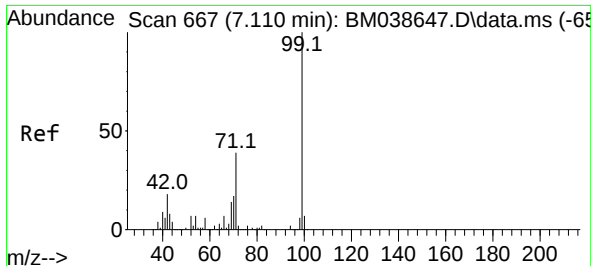
Tgt Ion:152 Resp: 131100
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 45.1 37.6 56.4



#5
2-Fluorophenol
Concen: 69.741 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038684.D
Acq: 03 Feb 2023 18:11

Tgt Ion:112 Resp: 233372
Ion Ratio Lower Upper
112 100
64 44.9 37.9 56.9
63 28.5 23.3 34.9

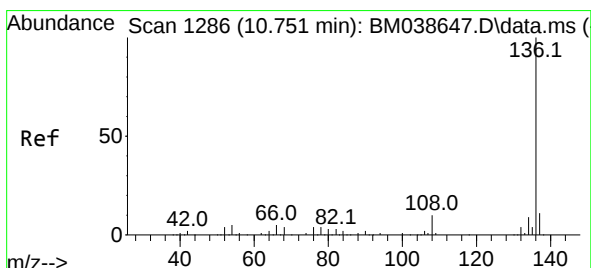
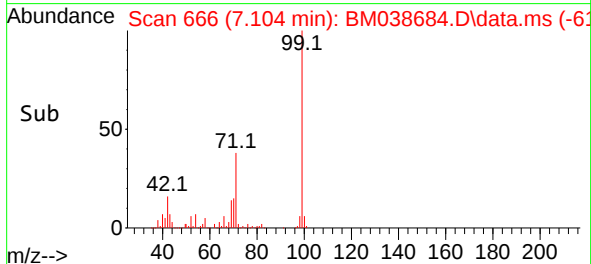
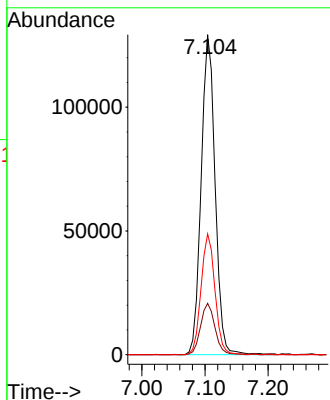
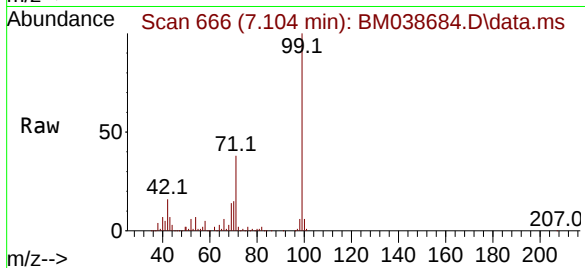




#7
Phenol-d6
Concen: 51.896 ng
RT: 7.104 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038684.D
Acq: 03 Feb 2023 18:11

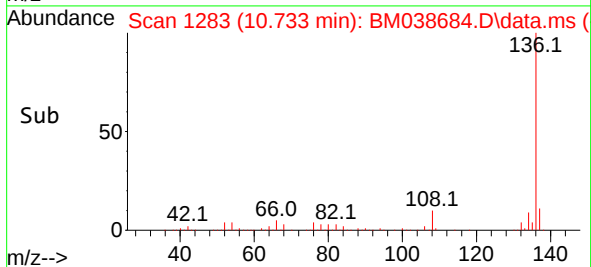
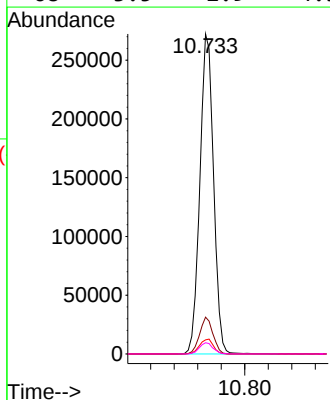
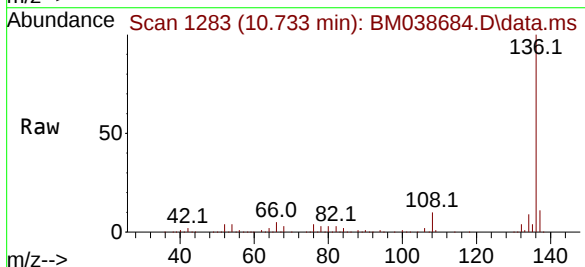
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-2

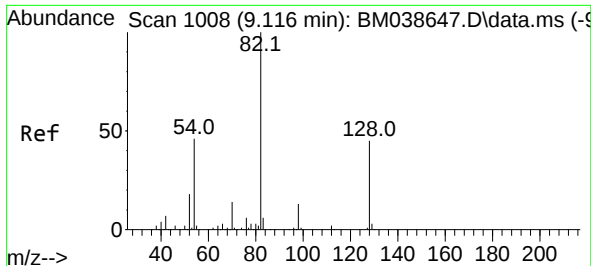
Tgt Ion: 99 Resp: 198061
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 37.7 31.0 46.4



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.733 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BM038684.D
Acq: 03 Feb 2023 18:11

Tgt Ion: 136 Resp: 441193
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 4.4 4.2 6.4
68 3.5 2.9 4.3

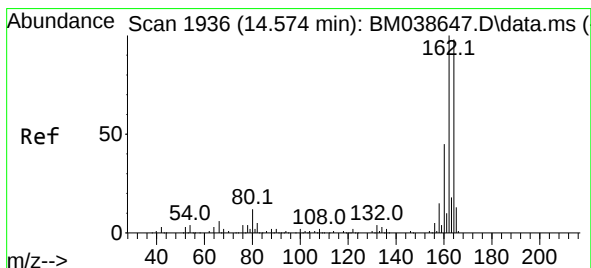
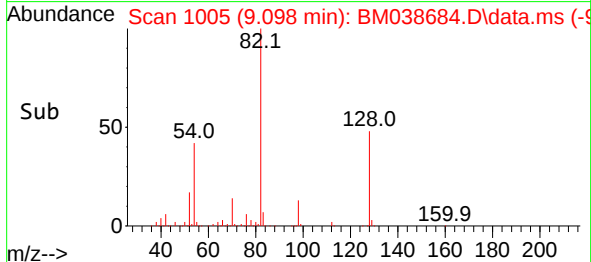
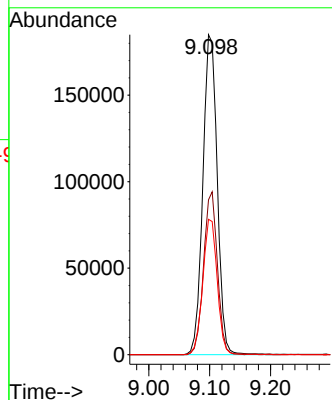
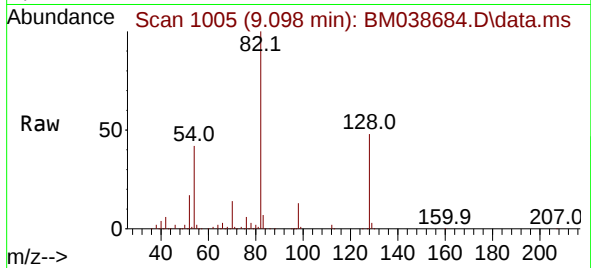




#23
Nitrobenzene-d5
Concen: 78.453 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM038684.D
Acq: 03 Feb 2023 18:11

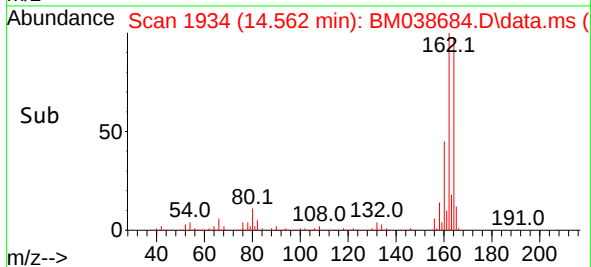
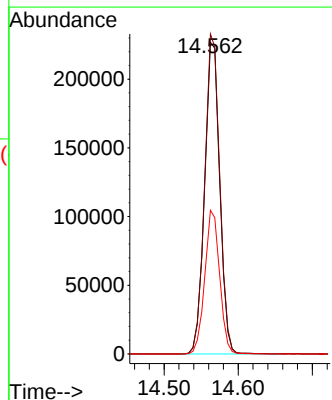
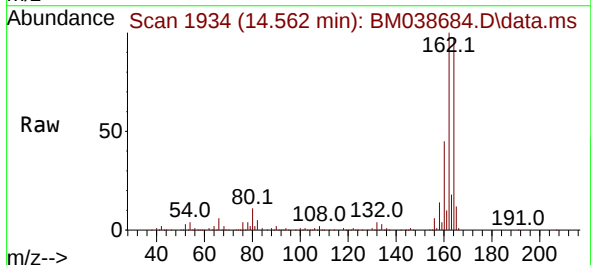
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-2

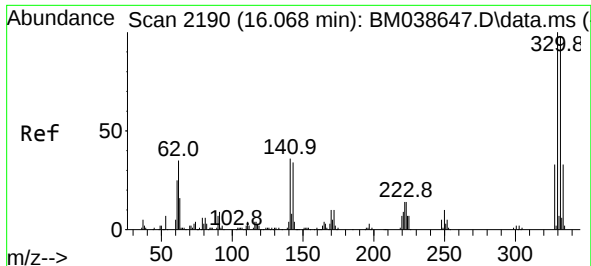
Tgt Ion: 82 Resp: 304689
Ion Ratio Lower Upper
82 100
128 48.4 36.0 54.0
54 42.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.562 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM038684.D
Acq: 03 Feb 2023 18:11

Tgt Ion: 164 Resp: 322502
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 46.1 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 132.151 ng

RT: 16.056 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038684.D

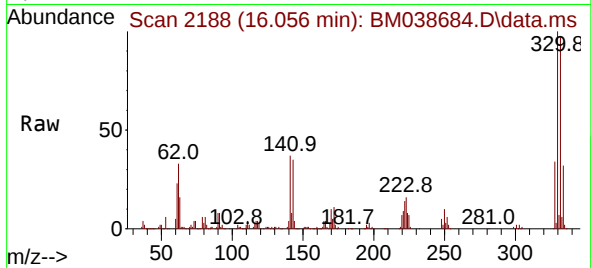
Acq: 03 Feb 2023 18:11

Instrument :

BNA_M

ClientSampleId :

EB-2023-2-2



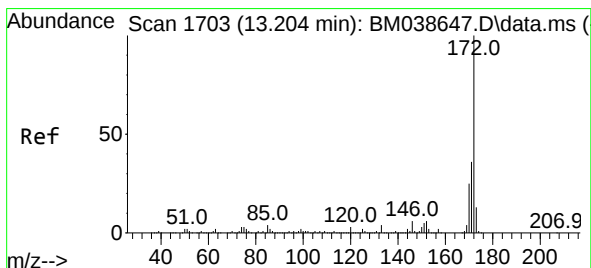
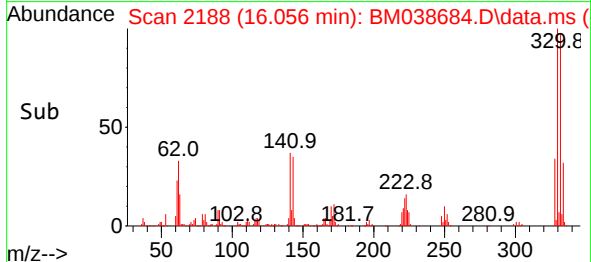
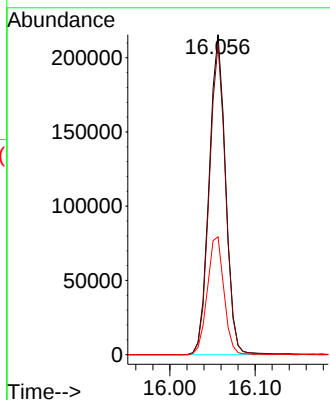
Tgt Ion:330 Resp: 289642

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

141 37.3 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 79.887 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BM038684.D

Acq: 03 Feb 2023 18:11

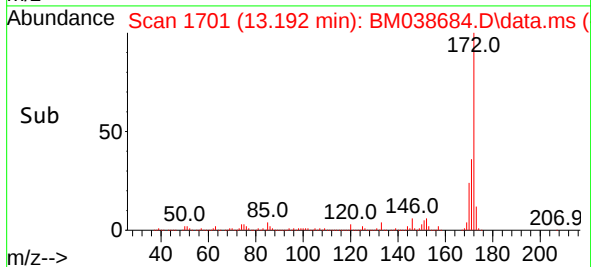
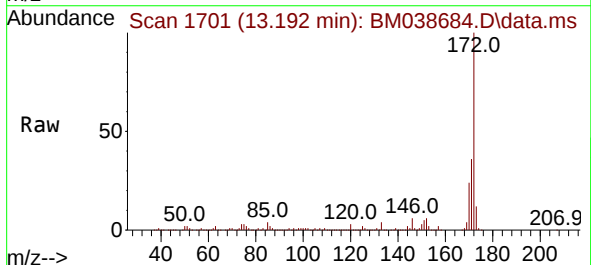
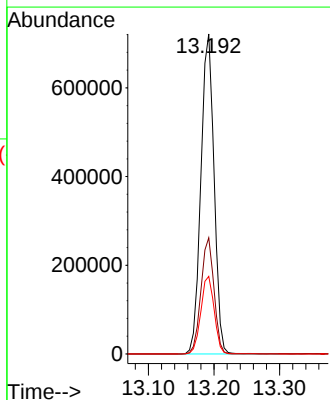
Tgt Ion:172 Resp: 1011848

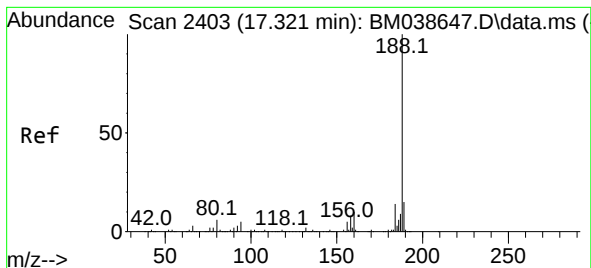
Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 24.3 20.0 30.0





#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.309 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BM038684.D

Acq: 03 Feb 2023 18:11

Instrument :

BNA_M

ClientSampleId :

EB-2023-2-2

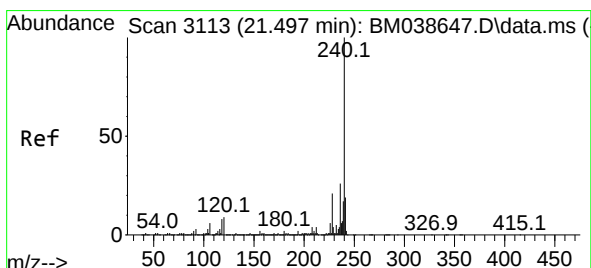
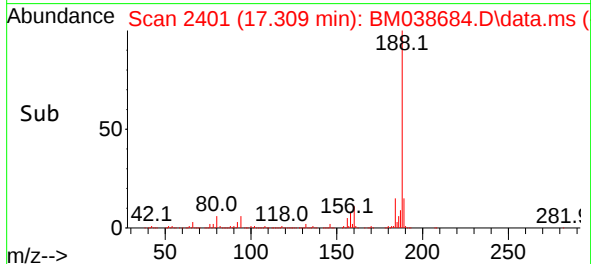
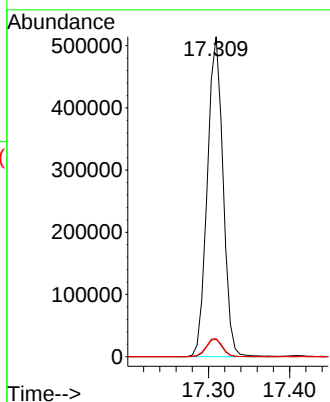
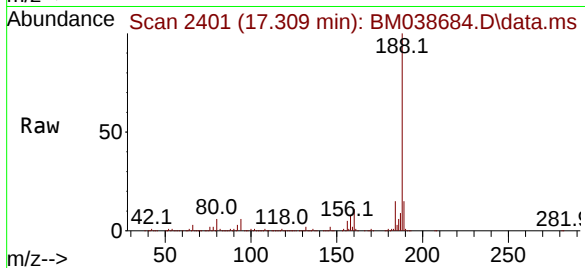
Tgt Ion:188 Resp: 691717

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.4

80 5.6 4.6 7.0



#76

Chrysene-d12

Concen: 40.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM038684.D

Acq: 03 Feb 2023 18:11

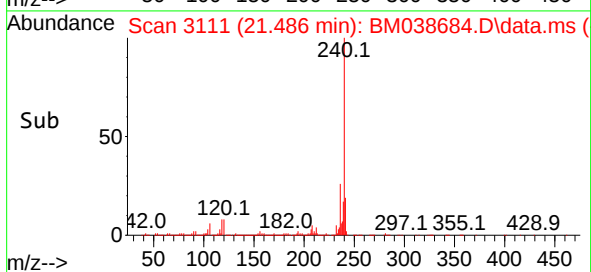
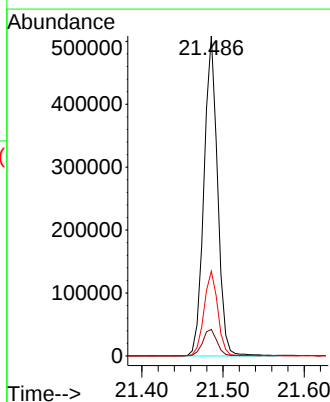
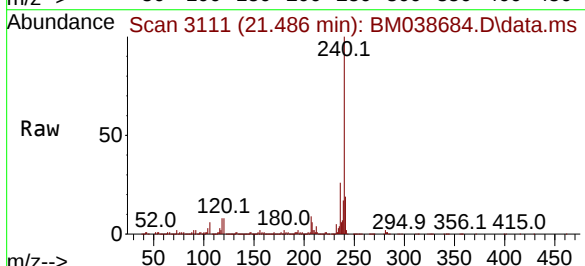
Tgt Ion:240 Resp: 589970

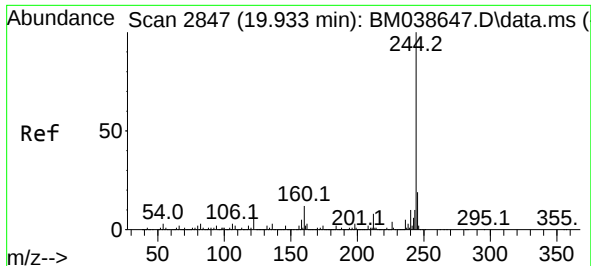
Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.4

236 26.5 20.9 31.3

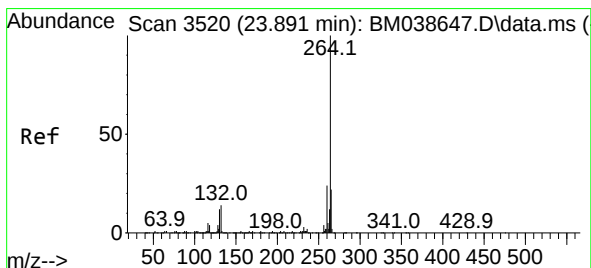
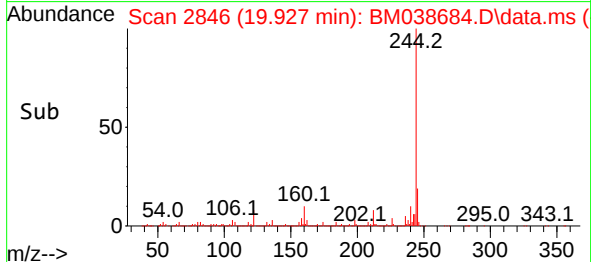
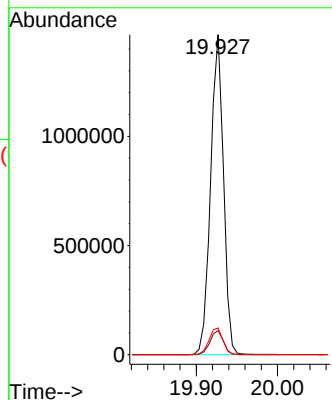
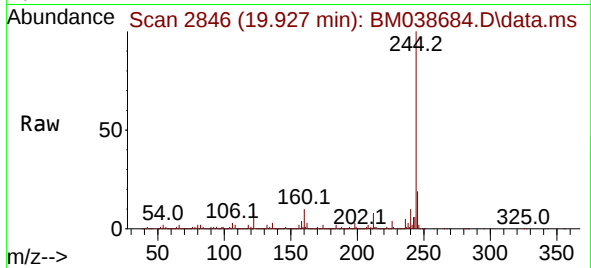




#79
 Terphenyl-d14
 Concen: 96.432 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038684.D
 Acq: 03 Feb 2023 18:11

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Tgt Ion:244 Resp: 1611974
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 23.880 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM038684.D
 Acq: 03 Feb 2023 18:11

Tgt Ion:264 Resp: 727598
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 22.2 17.9 26.9

