

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
 Data File : BM038460.D
 Acq On : 16 Jan 2023 19:58
 Operator : CG/JU
 Sample : PB150096BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150096BL

Quant Time: Jan 17 03:28:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 03:06:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	45614	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	147625	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	79366	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	161801	20.000	ng	0.00
76) Chrysene-d12	21.527	240	151939	20.000	ng	0.00
86) Perylene-d12	23.950	264	190267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	479349	160.301	ng	0.00
7) Phenol-d6	7.145	99	548133	143.096	ng	0.00
23) Nitrobenzene-d5	9.157	82	359293	99.166	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	189504	141.244	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	659636	103.651	ng	0.00
79) Terphenyl-d14	19.968	244	985675	121.444	ng	0.00

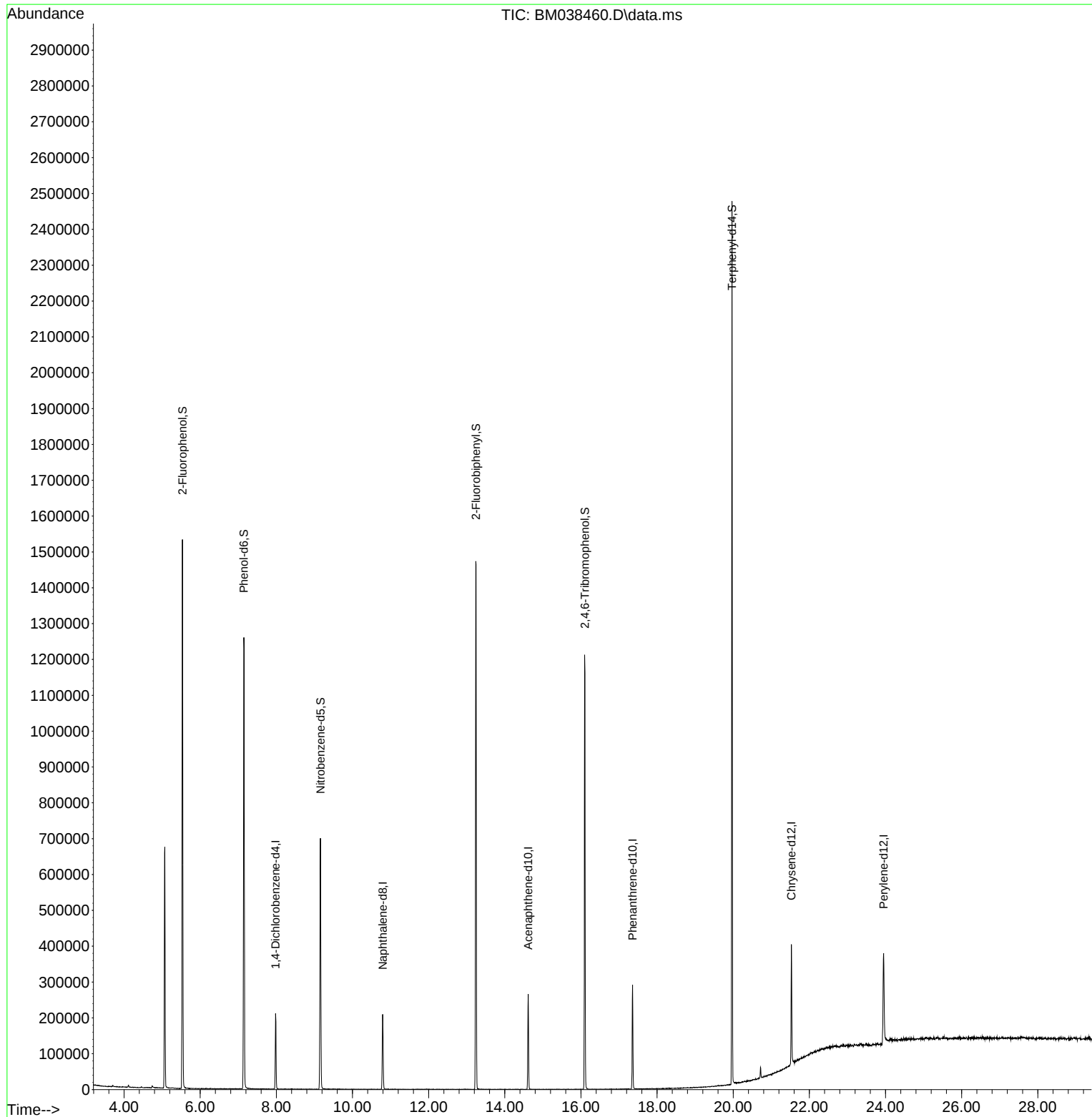
Target Compounds	Qvalue

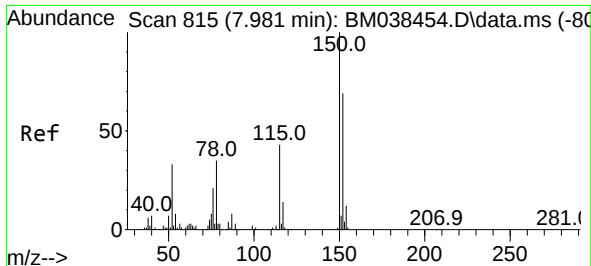
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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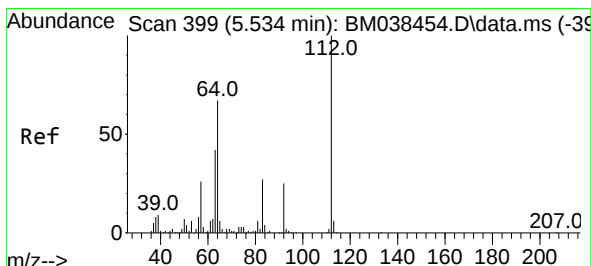
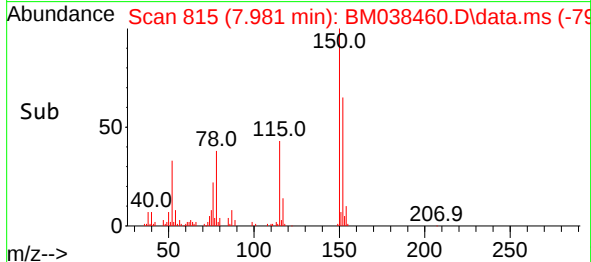
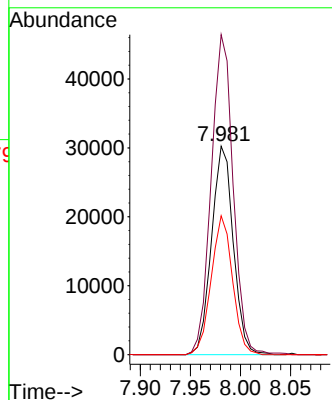
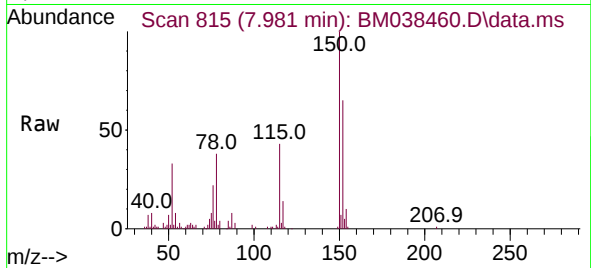




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM038460.D
Acq: 16 Jan 2023 19:58

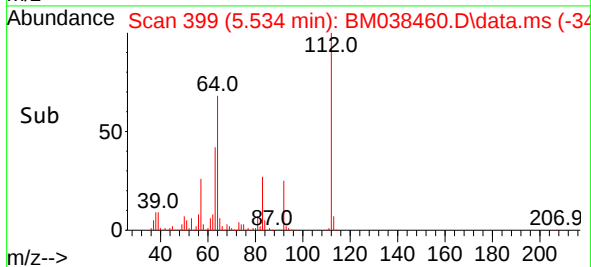
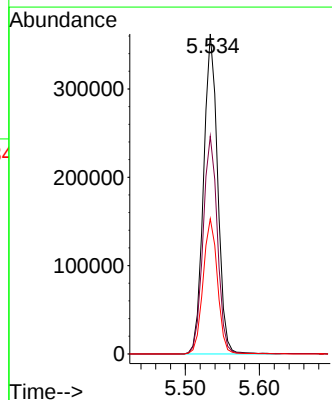
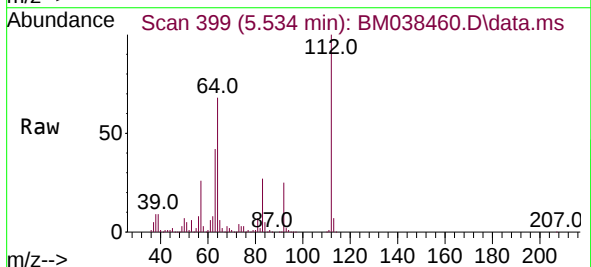
Instrument :
BNA_M
ClientSampleId :
PB150096BL

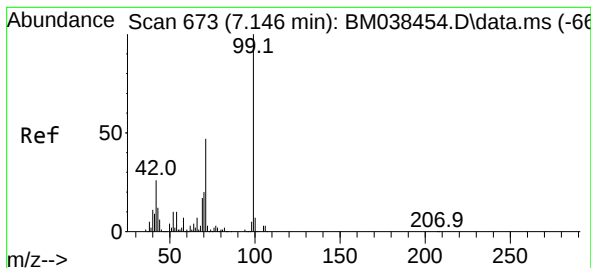
Tgt Ion:152 Resp: 45614
Ion Ratio Lower Upper
152 100
150 153.6 116.0 174.0
115 66.6 49.4 74.2



#5
2-Fluorophenol
Concen: 160.301 ng
RT: 5.534 min Scan# 399
Delta R.T. -0.000 min
Lab File: BM038460.D
Acq: 16 Jan 2023 19:58

Tgt Ion:112 Resp: 479349
Ion Ratio Lower Upper
112 100
64 68.0 53.7 80.5
63 42.2 33.7 50.5





#7

Phenol-d6

Concen: 143.096 ng

RT: 7.145 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM038460.D

Acq: 16 Jan 2023 19:58

Instrument :

BNA_M

ClientSampleId :

PB150096BL

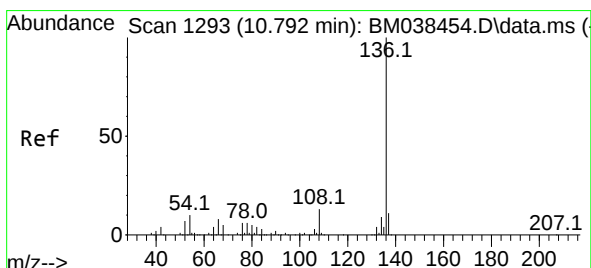
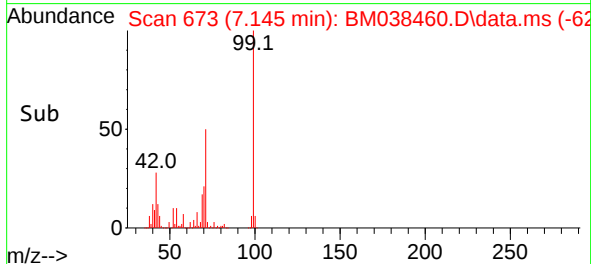
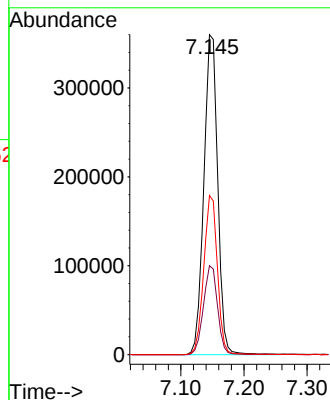
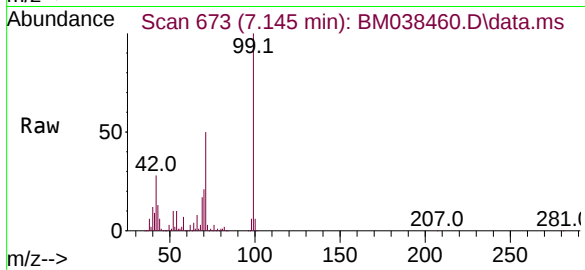
Tgt Ion: 99 Resp: 548133

Ion Ratio Lower Upper

99 100

42 27.8 20.8 31.2

71 49.7 37.8 56.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.792 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BM038460.D

Acq: 16 Jan 2023 19:58

Tgt Ion: 136 Resp: 147625

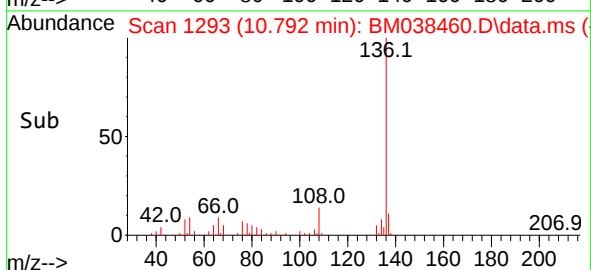
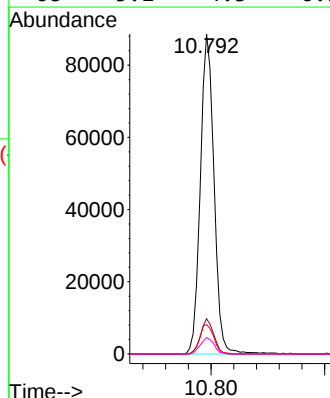
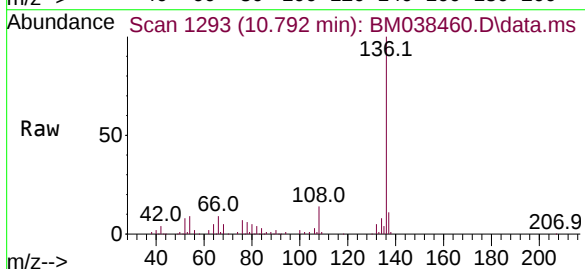
Ion Ratio Lower Upper

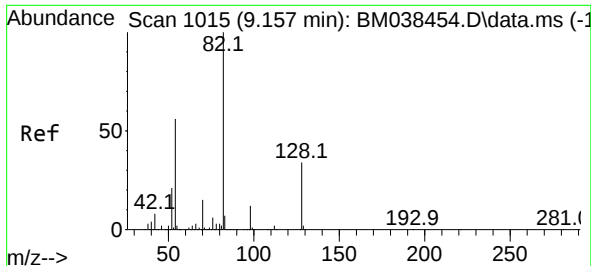
136 100

137 11.0 9.0 13.4

54 9.1 7.6 11.4

68 5.1 4.3 6.5

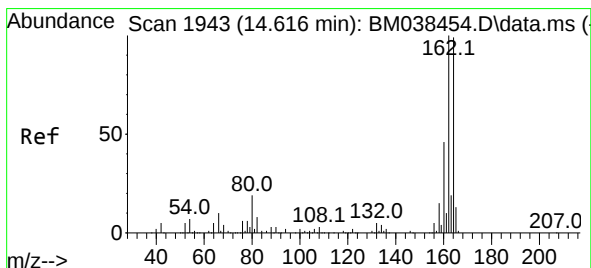
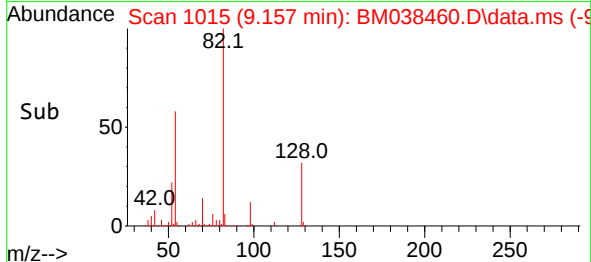
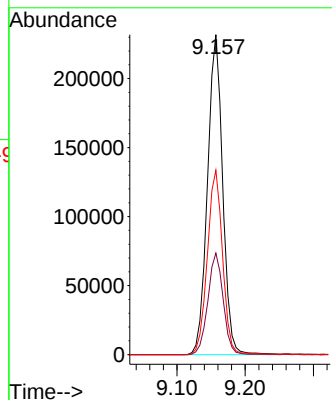
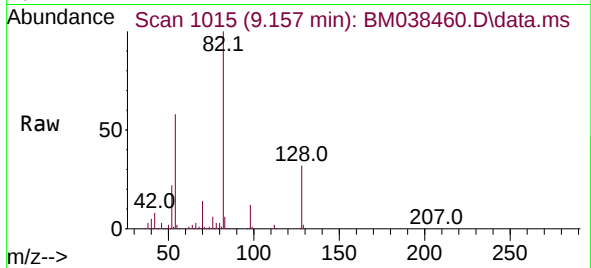




#23
Nitrobenzene-d5
Concen: 99.166 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BM038460.D
Acq: 16 Jan 2023 19:58

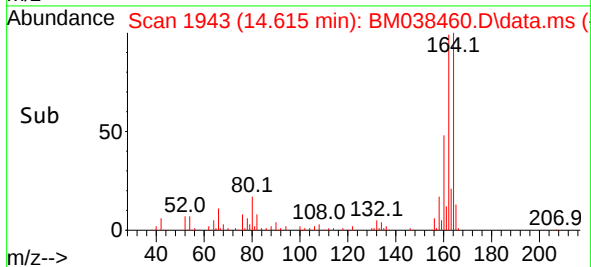
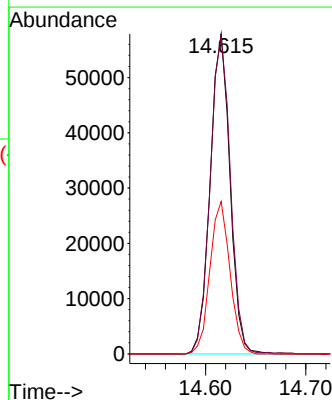
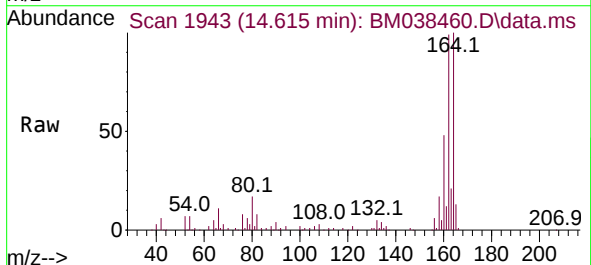
Instrument :
BNA_M
ClientSampleId :
PB150096BL

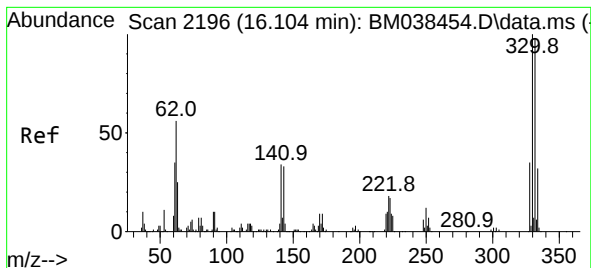
Tgt Ion: 82 Resp: 359293
Ion Ratio Lower Upper
82 100
128 31.7 27.0 40.6
54 57.6 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM038460.D
Acq: 16 Jan 2023 19:58

Tgt Ion: 164 Resp: 79366
Ion Ratio Lower Upper
164 100
162 99.4 80.9 121.3
160 47.6 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 141.244 ng

RT: 16.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038460.D

Acq: 16 Jan 2023 19:58

Instrument :

BNA_M

ClientSampleId :

PB150096BL

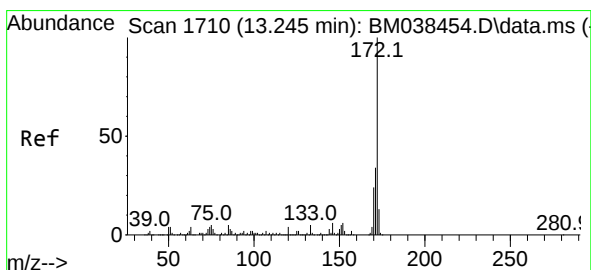
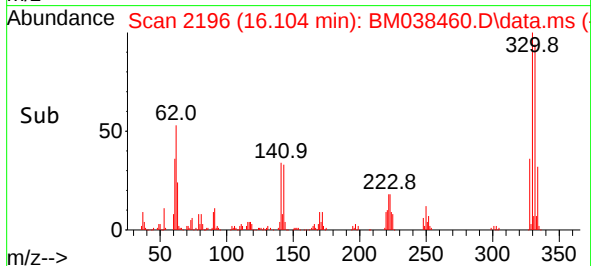
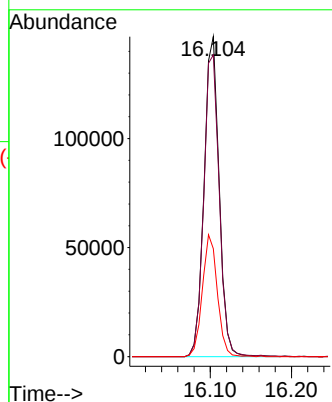
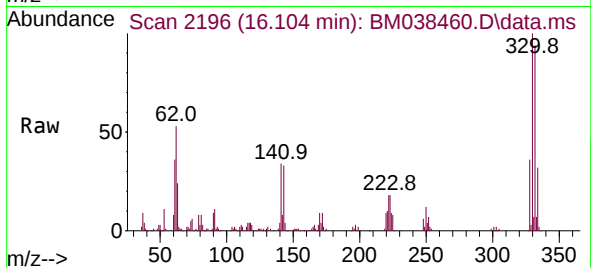
Tgt Ion:330 Resp: 189504

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.4

141 37.8 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 103.651 ng

RT: 13.245 min Scan# 1710

Delta R.T. -0.000 min

Lab File: BM038460.D

Acq: 16 Jan 2023 19:58

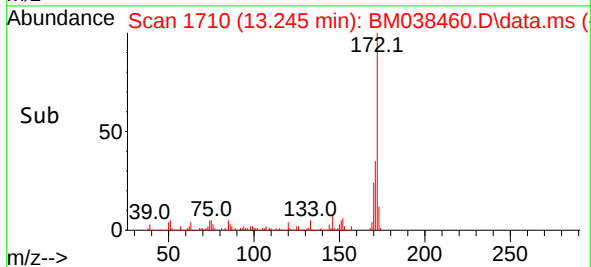
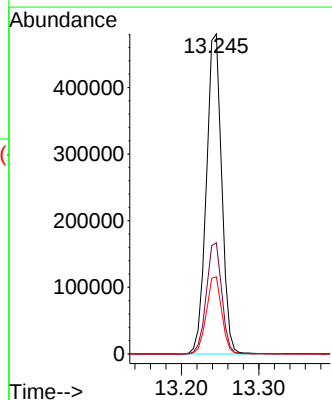
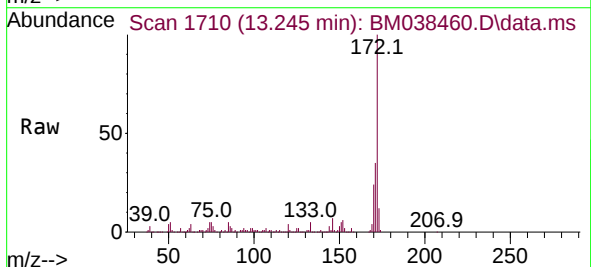
Tgt Ion:172 Resp: 659636

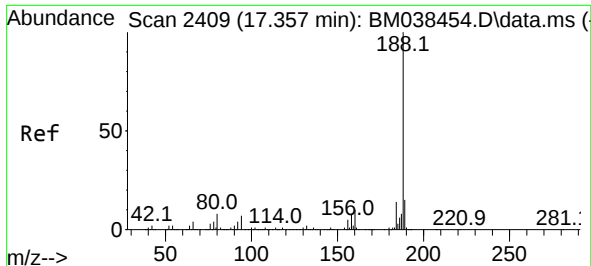
Ion Ratio Lower Upper

172 100

171 34.7 27.5 41.3

170 24.1 19.0 28.6

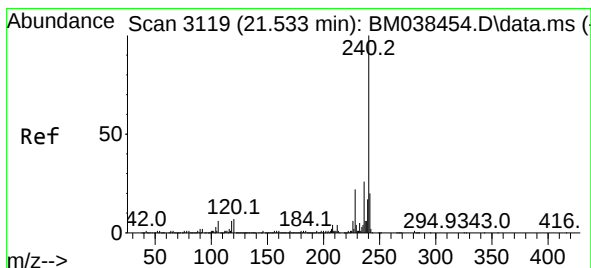
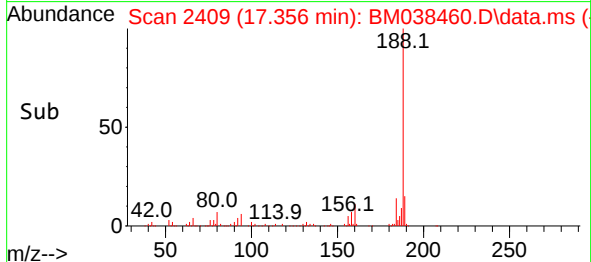
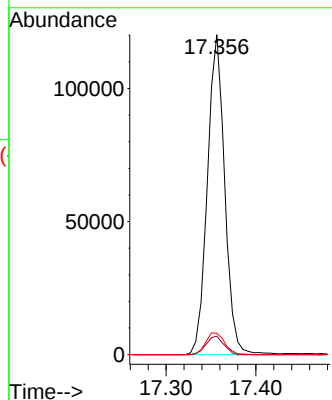
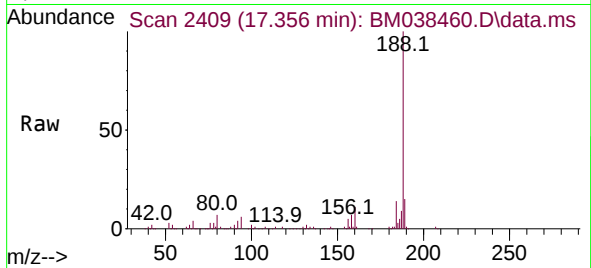




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM038460.D
Acq: 16 Jan 2023 19:58

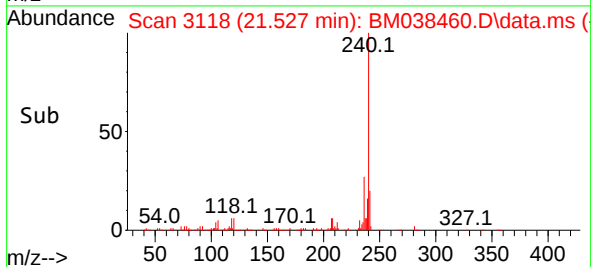
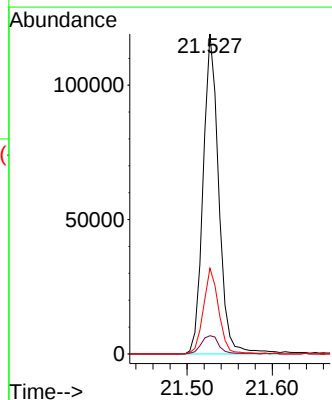
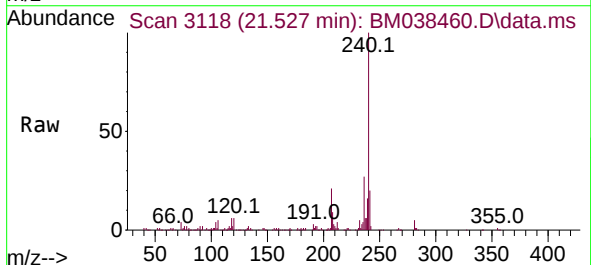
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PB150096BL

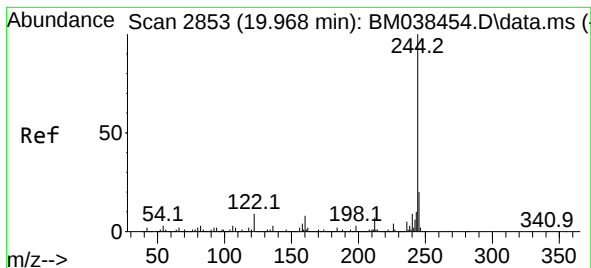
Tgt Ion:188 Resp: 161801
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 6.6 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM038460.D
Acq: 16 Jan 2023 19:58

Tgt Ion:240 Resp: 151939
Ion Ratio Lower Upper
240 100
120 5.7 5.6 8.4
236 26.8 21.0 31.4





#79

Terphenyl-d14

Concen: 121.444 ng

RT: 19.968 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BM038460.D

Acq: 16 Jan 2023 19:58

Instrument :

BNA_M

ClientSampleId :

PB150096BL

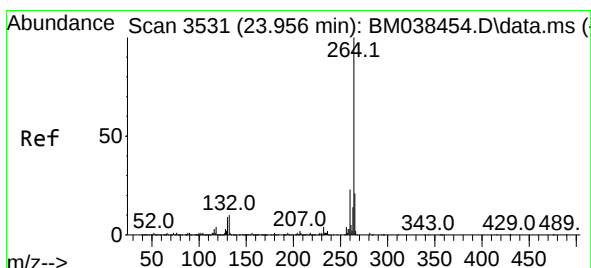
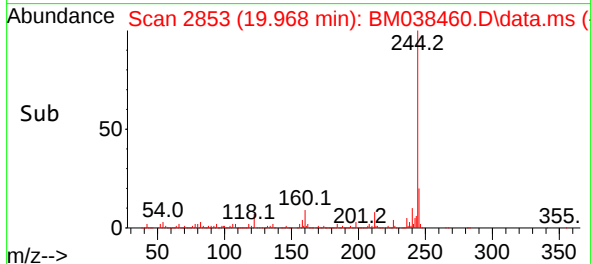
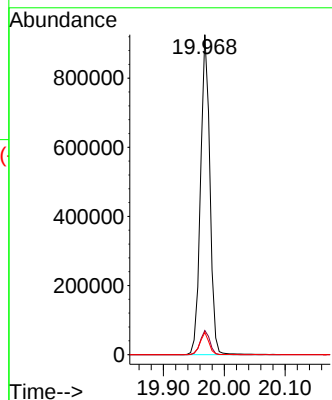
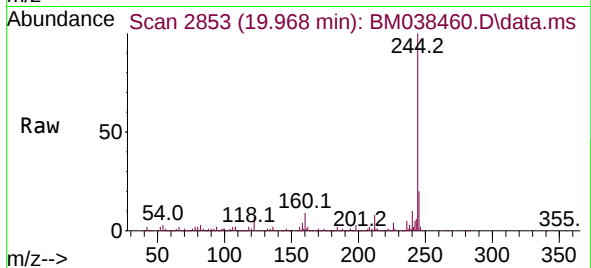
Tgt Ion:244 Resp: 985675

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 6.9 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3530

Delta R.T. -0.006 min

Lab File: BM038460.D

Acq: 16 Jan 2023 19:58

Tgt Ion:264 Resp: 190267

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.5 17.2 25.8

