

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
 Data File : BM038491.D
 Acq On : 19 Jan 2023 17:13
 Operator : CG/JU
 Sample : PB150215BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150215BL

Quant Time: Jan 20 03:58:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	85322	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	285455	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	155660	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	305149	20.000	ng	0.00
76) Chrysene-d12	21.521	240	255804	20.000	ng	0.00
86) Perylene-d12	23.939	264	323784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	497451	88.935	ng	0.00
7) Phenol-d6	7.140	99	590607	82.428	ng	0.00
23) Nitrobenzene-d5	9.145	82	390223	55.699	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	162076	61.592	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	657878	52.707	ng	0.00
79) Terphenyl-d14	19.962	244	852750	62.406	ng	0.00

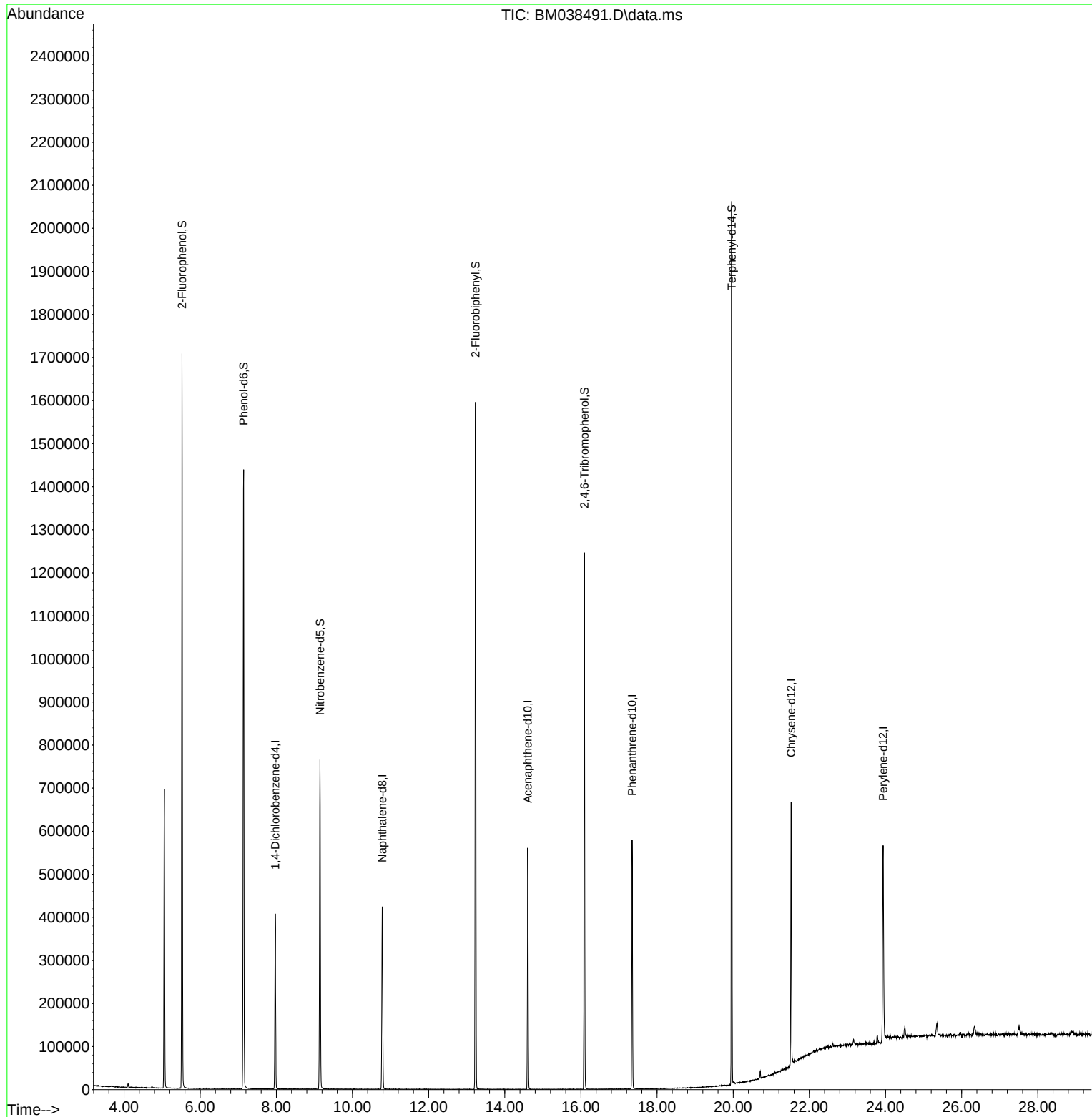
Target Compounds	Qvalue

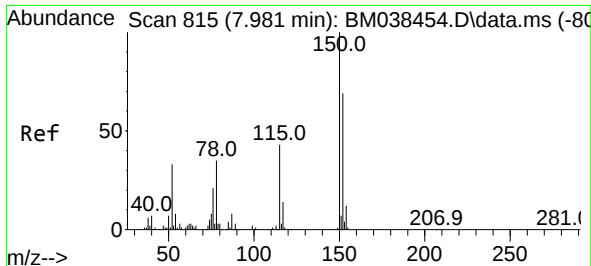
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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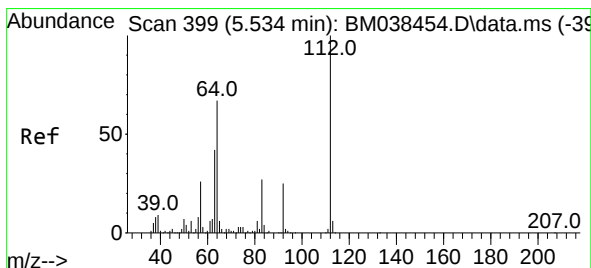
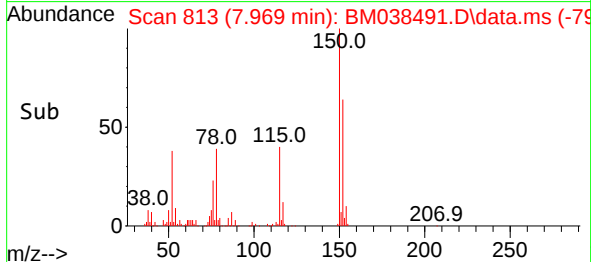
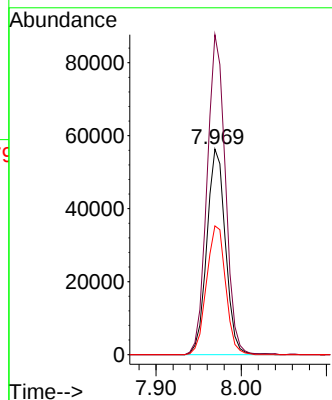
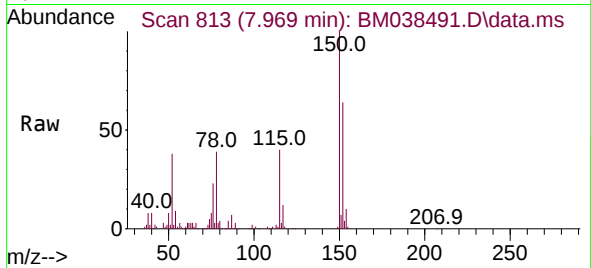




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

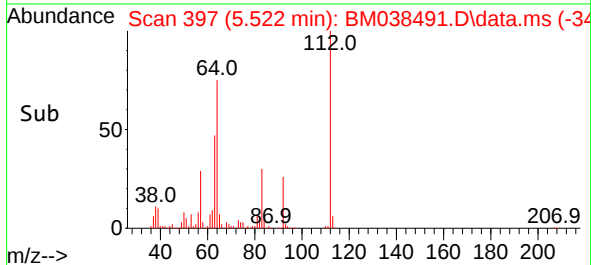
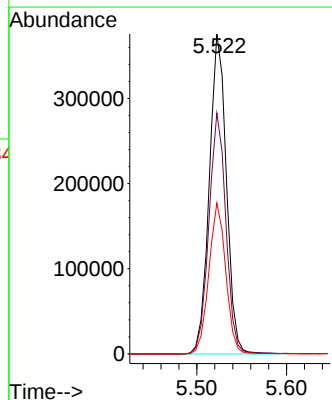
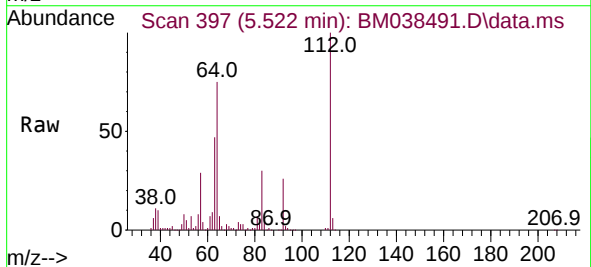
Instrument :
BNA_M
ClientSampleId :
PB150215BL

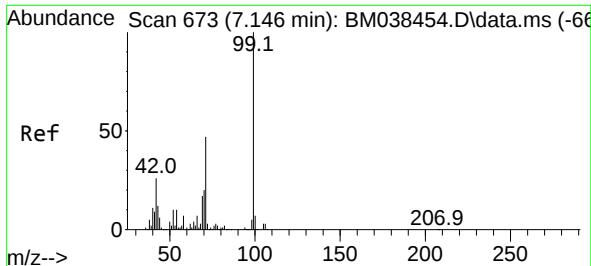
Tgt Ion:152 Resp: 85322
Ion Ratio Lower Upper
152 100
150 155.7 116.0 174.0
115 62.6 49.4 74.2



#5
2-Fluorophenol
Concen: 88.935 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

Tgt Ion:112 Resp: 497451
Ion Ratio Lower Upper
112 100
64 75.3 53.7 80.5
63 47.1 33.7 50.5

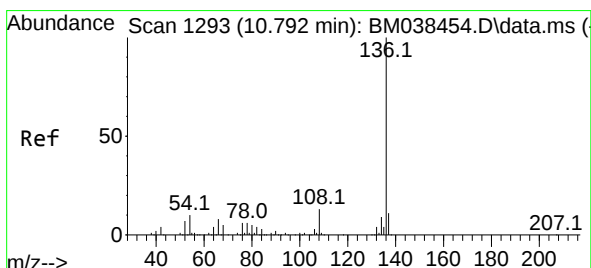
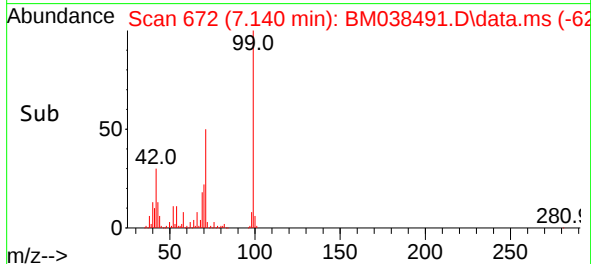
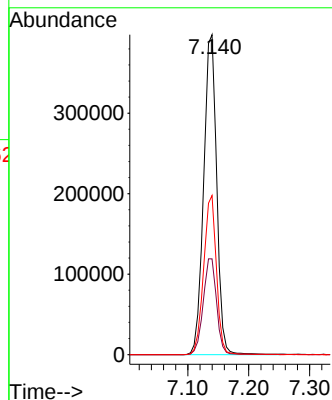
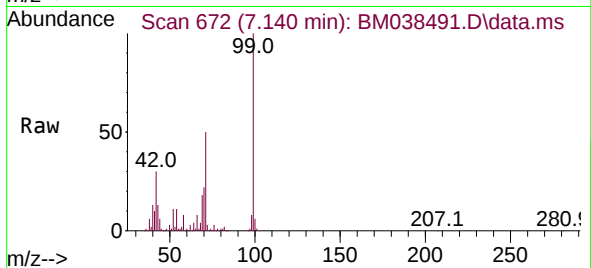




#7
Phenol-d6
Concen: 82.428 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

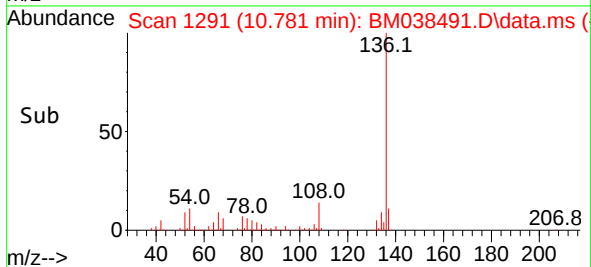
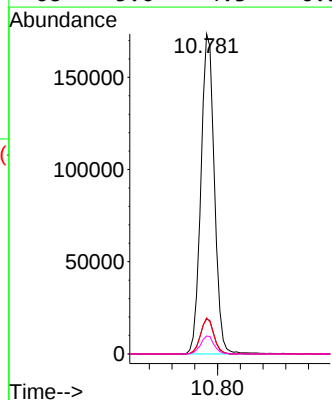
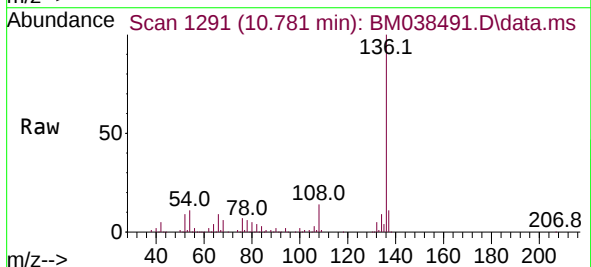
Instrument :
BNA_M
ClientSampleId :
PB150215BL

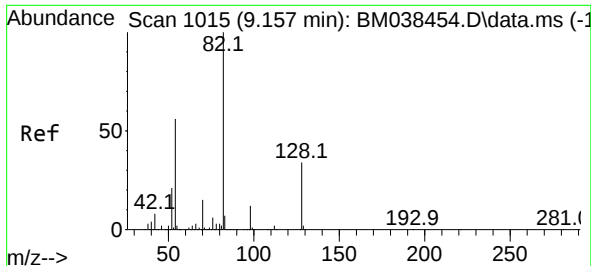
Tgt Ion: 99 Resp: 590607
Ion Ratio Lower Upper
99 100
42 29.9 20.8 31.2
71 49.7 37.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

Tgt Ion: 136 Resp: 285455
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 11.3 7.6 11.4
68 5.6 4.3 6.5

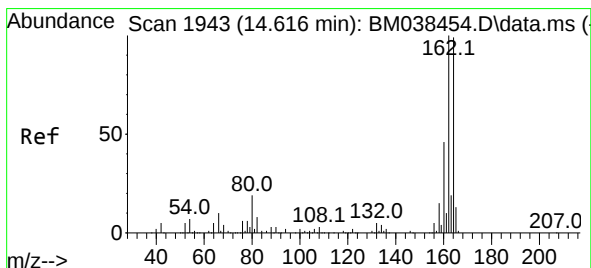
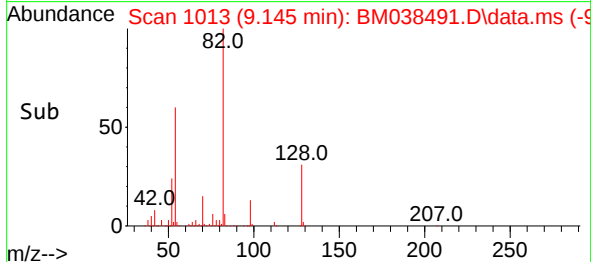
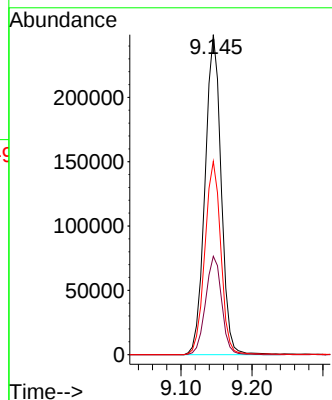
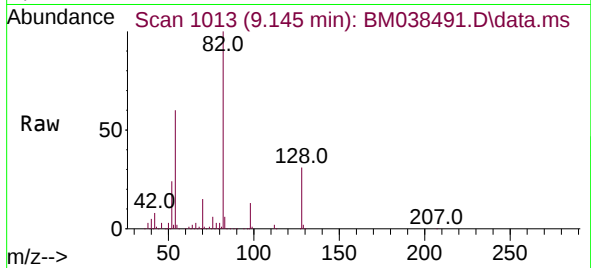




#23
Nitrobenzene-d5
Concen: 55.699 ng
RT: 9.145 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

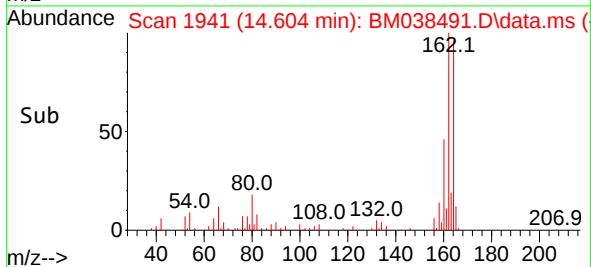
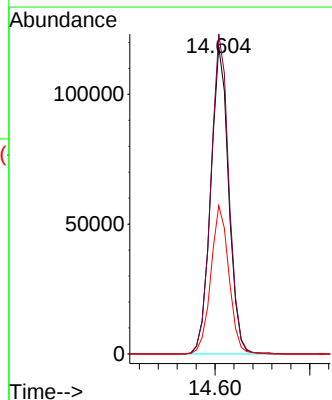
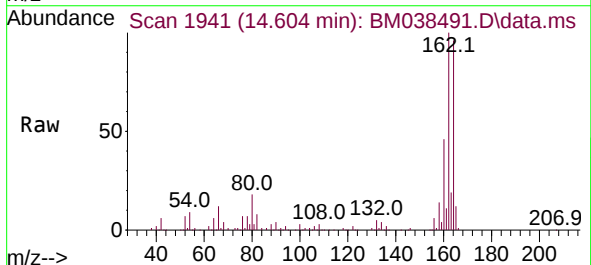
Instrument :
BNA_M
ClientSampleId :
PB150215BL

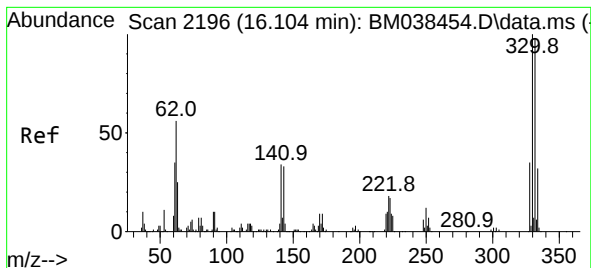
Tgt Ion: 82 Resp: 390223
Ion Ratio Lower Upper
82 100
128 30.7 27.0 40.6
54 60.4 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

Tgt Ion: 164 Resp: 155660
Ion Ratio Lower Upper
164 100
162 104.2 80.9 121.3
160 48.2 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 61.592 ng

RT: 16.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038491.D

Acq: 19 Jan 2023 17:13

Instrument :

BNA_M

ClientSampleId :

PB150215BL

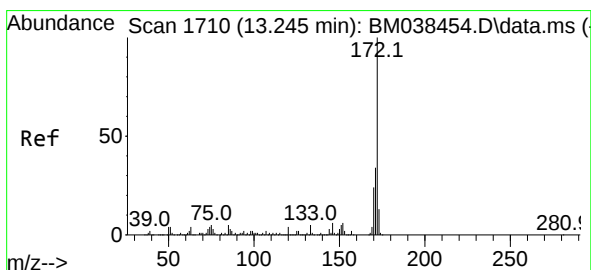
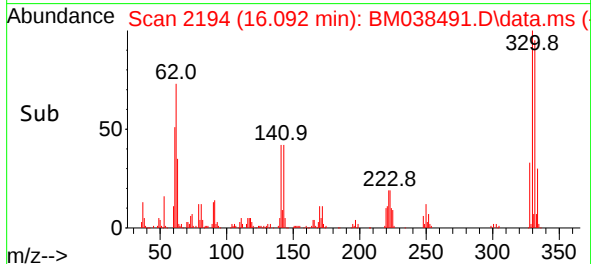
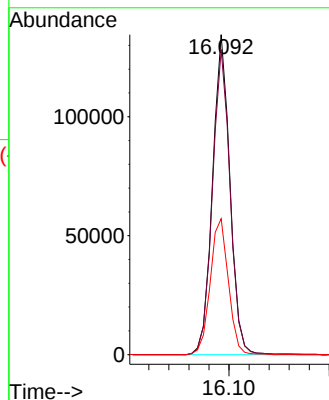
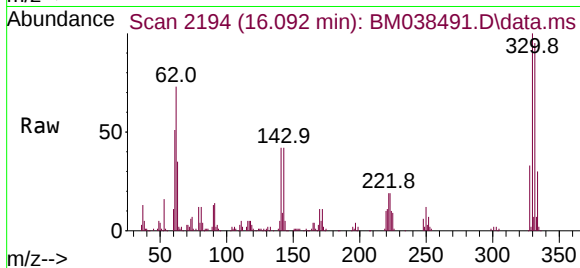
Tgt Ion:330 Resp: 162076

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 44.1 28.1 42.1#



#45

2-Fluorobiphenyl

Concen: 52.707 ng

RT: 13.233 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM038491.D

Acq: 19 Jan 2023 17:13

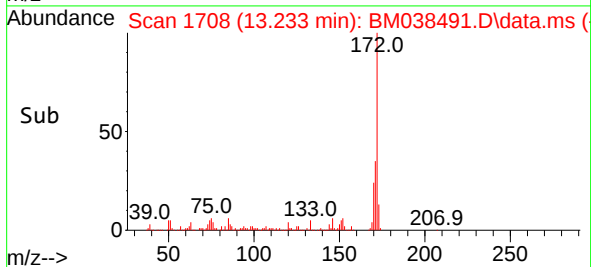
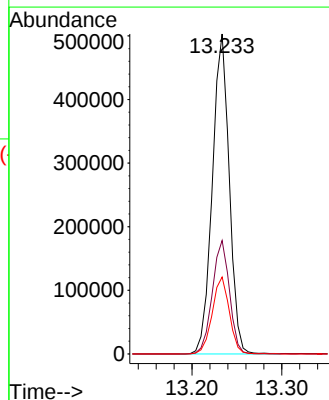
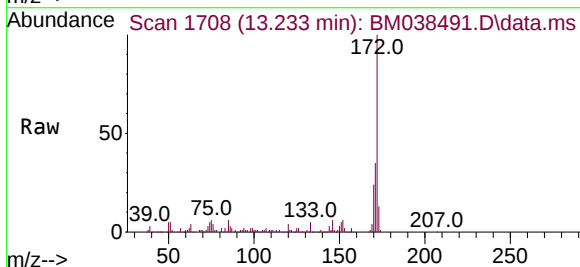
Tgt Ion:172 Resp: 657878

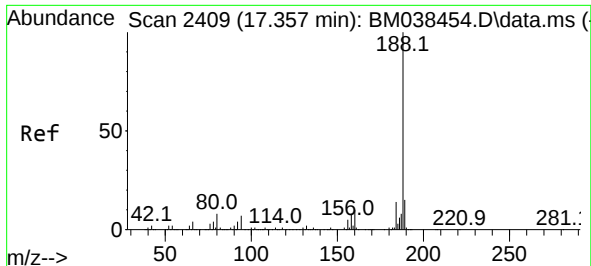
Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

170 24.0 19.0 28.6

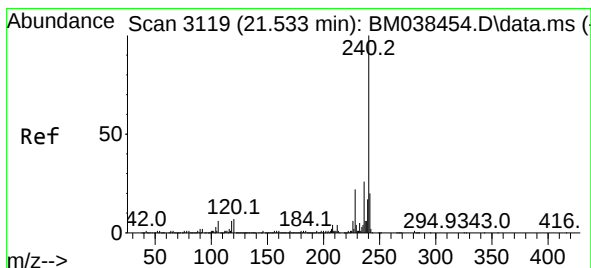
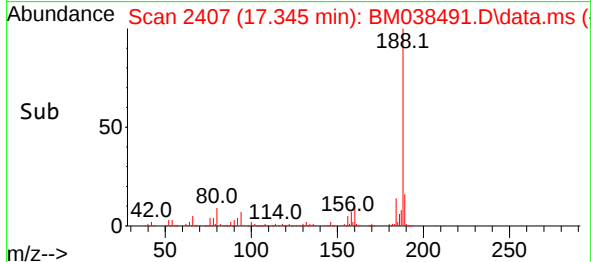
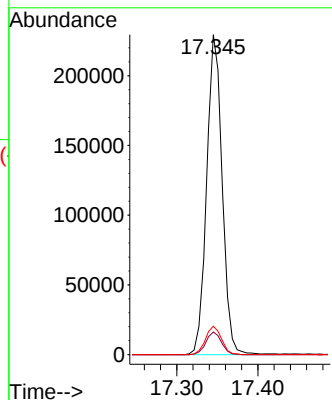
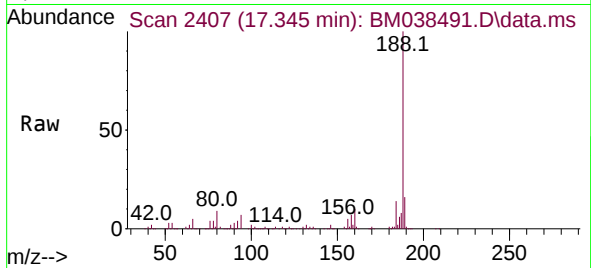




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

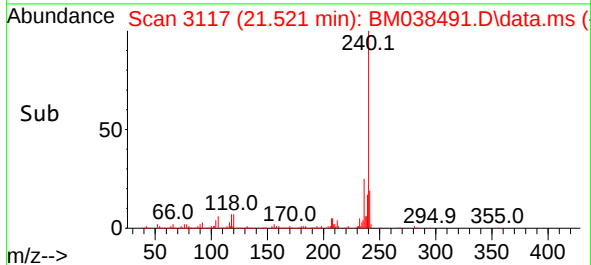
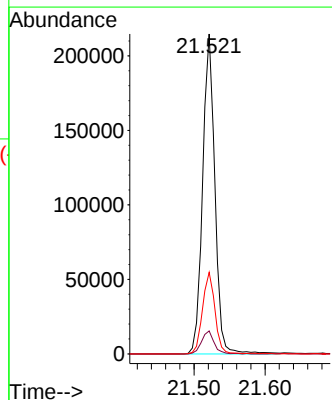
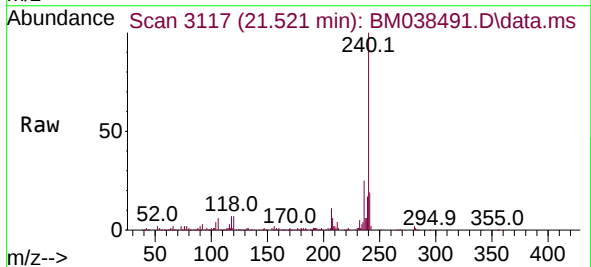
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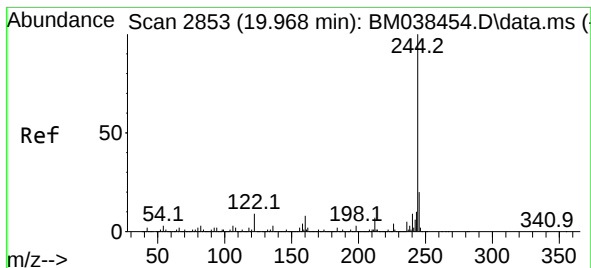
Tgt Ion:188 Resp: 305149
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.9 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM038491.D
Acq: 19 Jan 2023 17:13

Tgt Ion:240 Resp: 255804
Ion Ratio Lower Upper
240 100
120 7.2 5.6 8.4
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 62.406 ng

RT: 19.962 min Scan# 2852

Delta R.T. 0.000 min

Lab File: BM038491.D

Acq: 19 Jan 2023 17:13

Instrument :

BNA_M

ClientSampleId :

PB150215BL

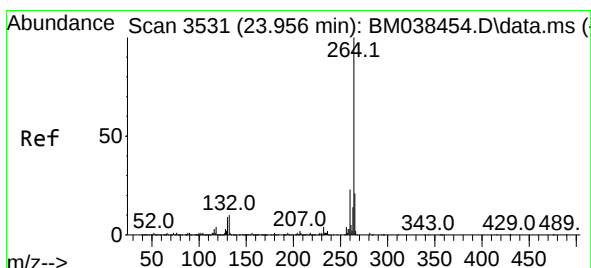
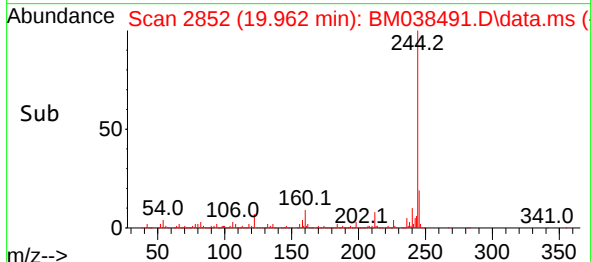
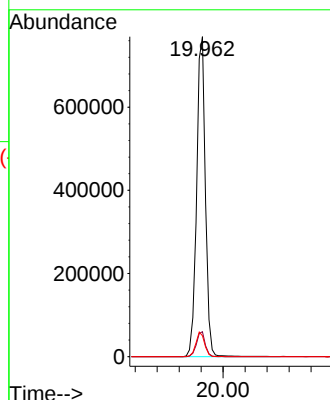
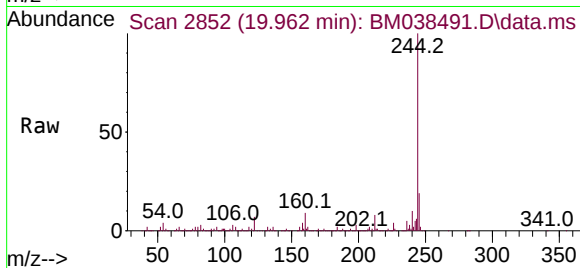
Tgt Ion:244 Resp: 852750

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 6.5 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.939 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BM038491.D

Acq: 19 Jan 2023 17:13

Tgt Ion:264 Resp: 323784

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.6 17.2 25.8

