

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011323\
 Data File : BM038448.D
 Acq On : 12 Jan 2023 22:16
 Operator : CG/JU
 Sample : PB150105TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150105TB

Quant Time: Jan 13 02:16:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 01:05:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	99731	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	368215	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	240567	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	589289	20.000	ng	0.00
76) Chrysene-d12	21.539	240	663003	20.000	ng	0.00
86) Perylene-d12	23.968	264	703700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	987331	153.292	ng	0.00
7) Phenol-d6	7.163	99	1233263	139.483	ng	0.00
23) Nitrobenzene-d5	9.169	82	776420	80.422	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	635119	162.638	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	1822874	89.182	ng	0.00
79) Terphenyl-d14	19.980	244	3677216	99.238	ng	0.00

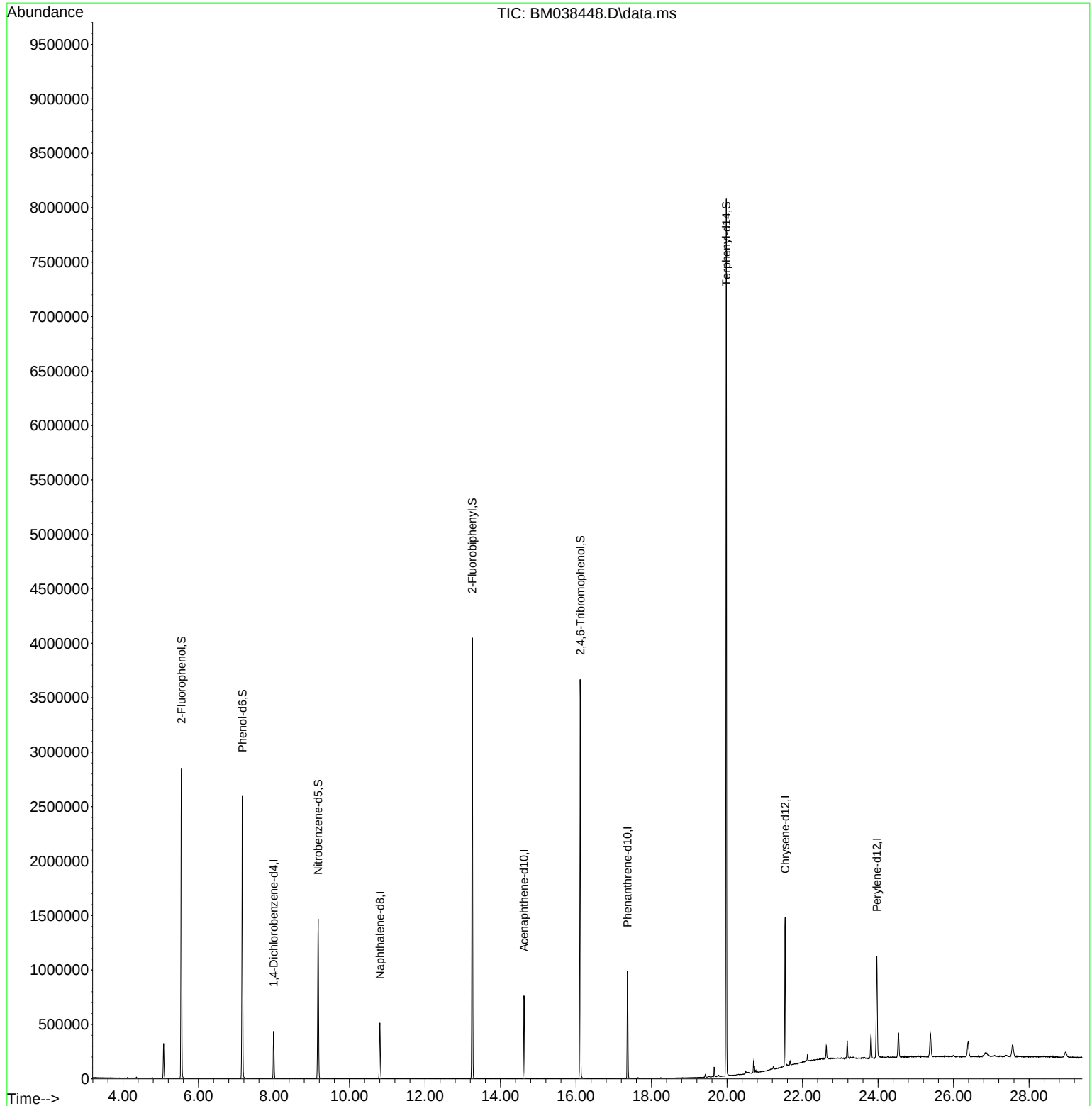
Target Compounds	Qvalue

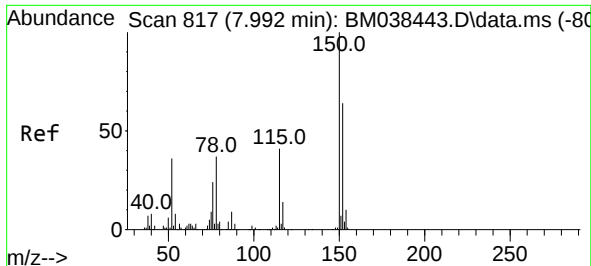
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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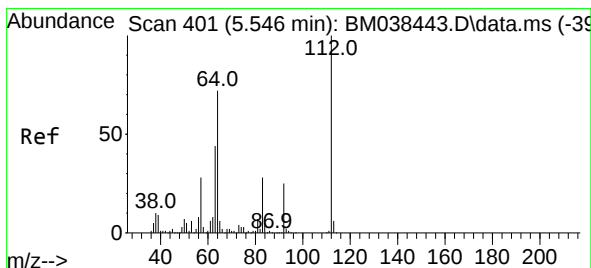
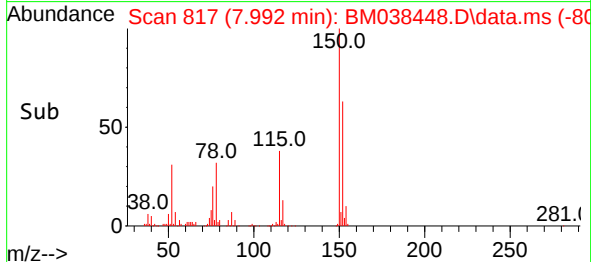
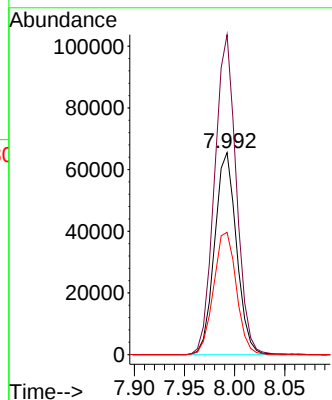
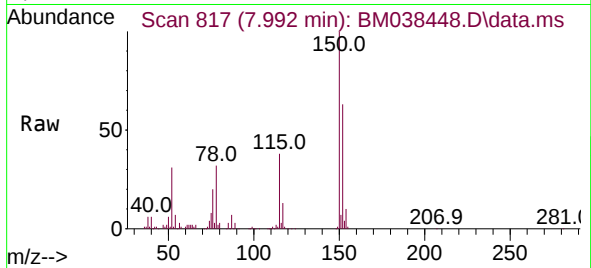




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM038448.D
Acq: 12 Jan 2023 22:16

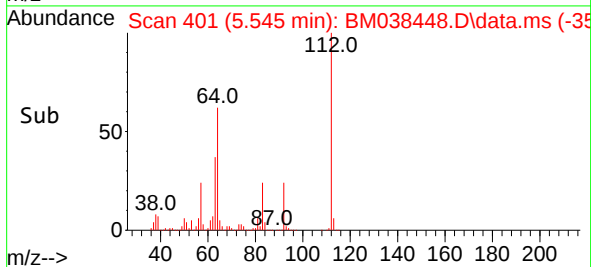
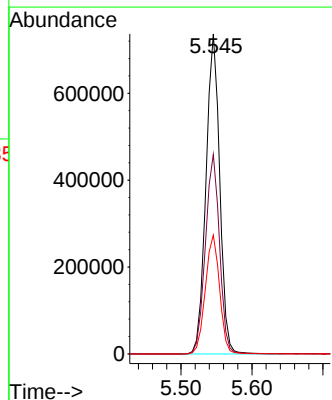
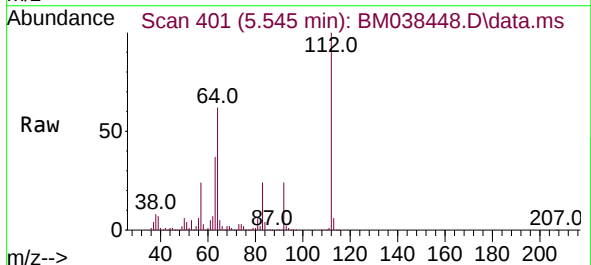
Instrument :
BNA_M
ClientSampleId :
PB150105TB

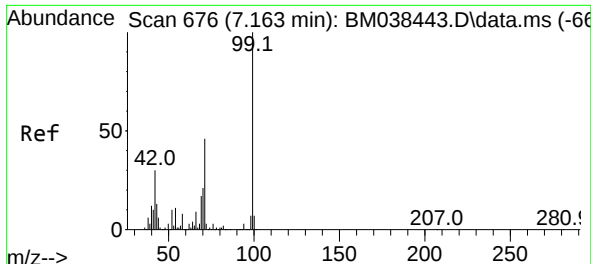
Tgt Ion:152 Resp: 99731
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.6 51.2 76.8



#5
2-Fluorophenol
Concen: 153.292 ng
RT: 5.545 min Scan# 401
Delta R.T. -0.000 min
Lab File: BM038448.D
Acq: 12 Jan 2023 22:16

Tgt Ion:112 Resp: 987331
Ion Ratio Lower Upper
112 100
64 62.3 57.6 86.4
63 37.1 35.1 52.7

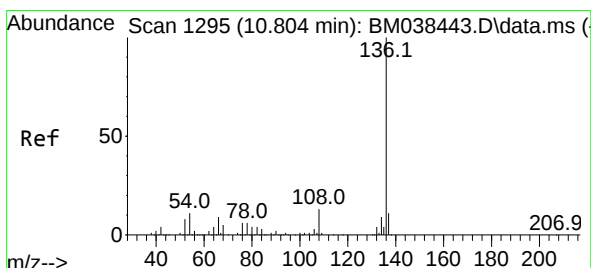
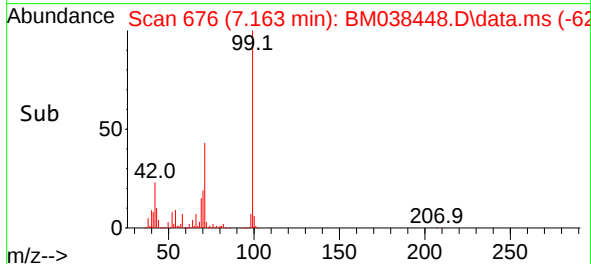
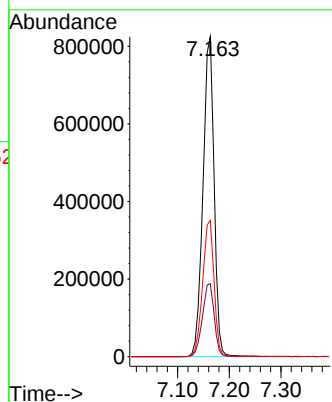
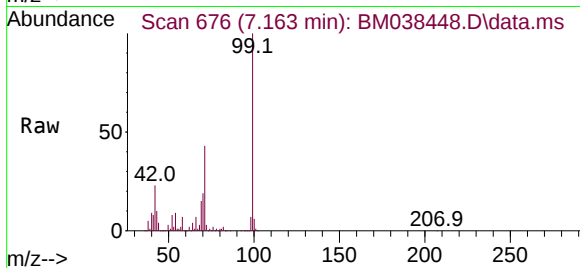




#7
Phenol-d6
Concen: 139.483 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM038448.D
Acq: 12 Jan 2023 22:16

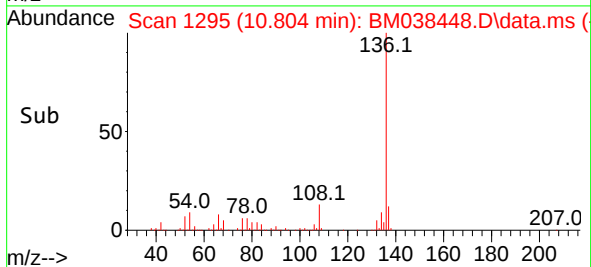
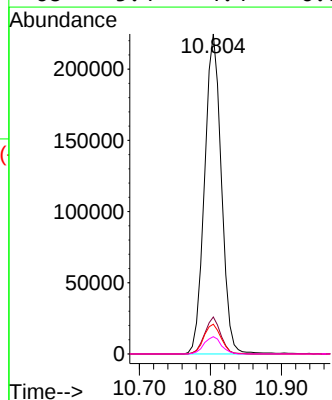
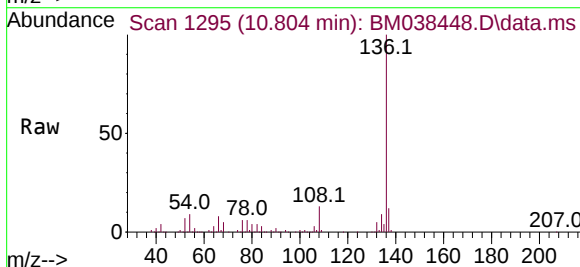
Instrument :
BNA_M
ClientSampleId :
PB150105TB

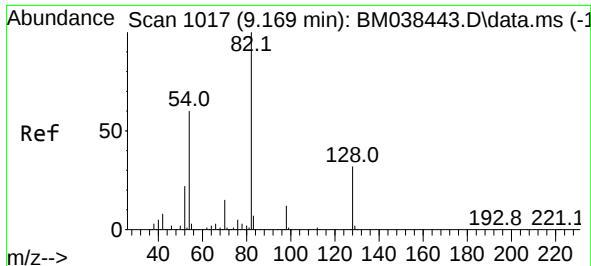
Tgt Ion: 99 Resp: 1233263
Ion Ratio Lower Upper
99 100
42 22.8 23.8 35.8#
71 42.5 37.1 55.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BM038448.D
Acq: 12 Jan 2023 22:16

Tgt Ion: 136 Resp: 368215
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.3 9.0 13.6
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 80.422 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BM038448.D

Acq: 12 Jan 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB150105TB

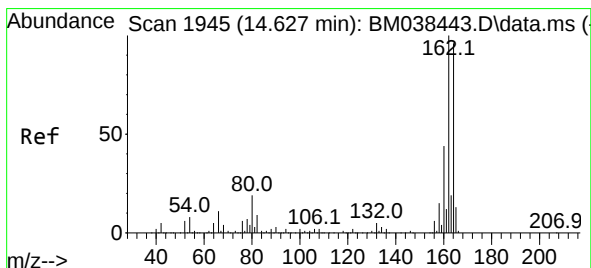
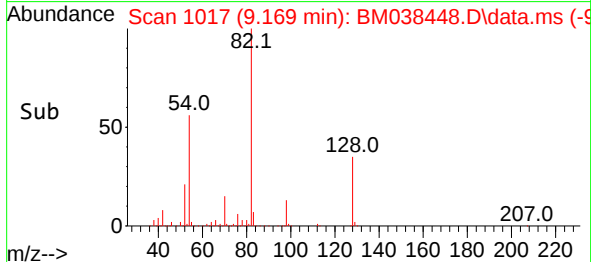
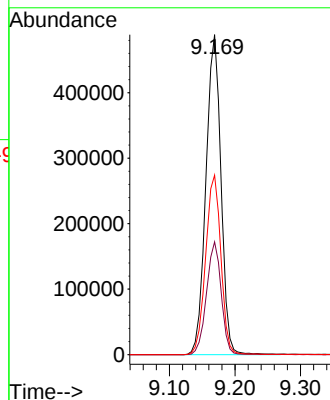
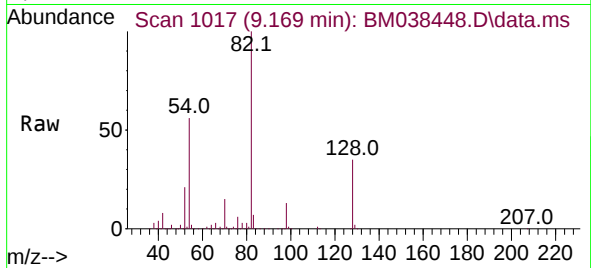
Tgt Ion: 82 Resp: 776420

Ion Ratio Lower Upper

82 100

128 35.2 25.5 38.3

54 56.1 47.8 71.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.621 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BM038448.D

Acq: 12 Jan 2023 22:16

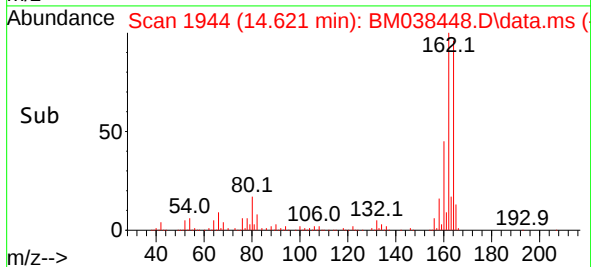
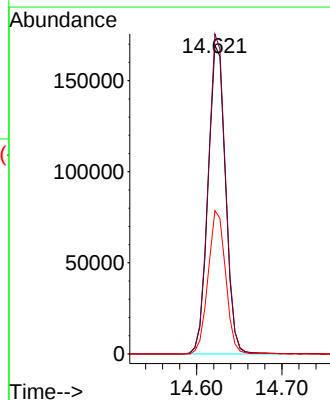
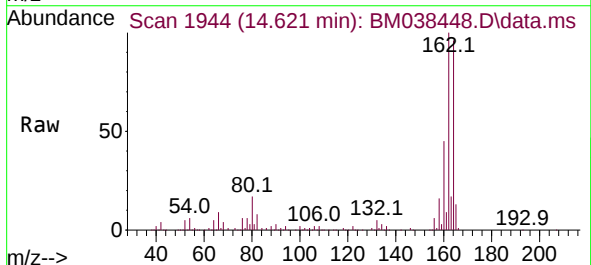
Tgt Ion:164 Resp: 240567

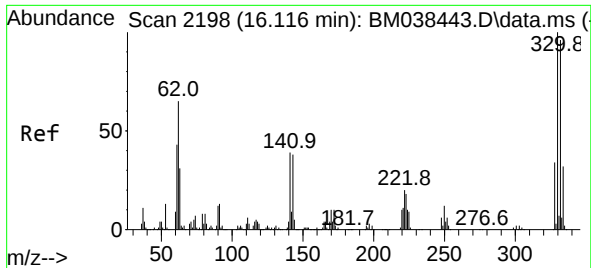
Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.2

160 46.4 36.6 55.0

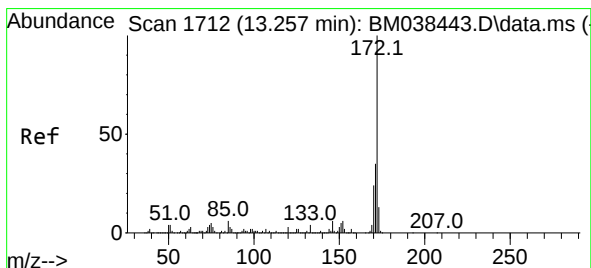
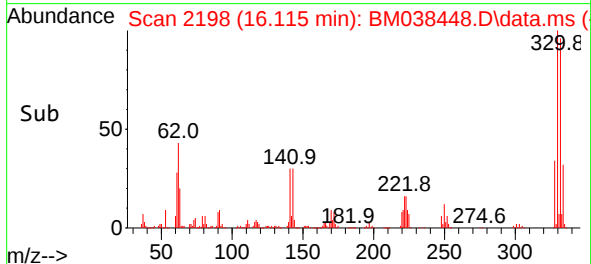
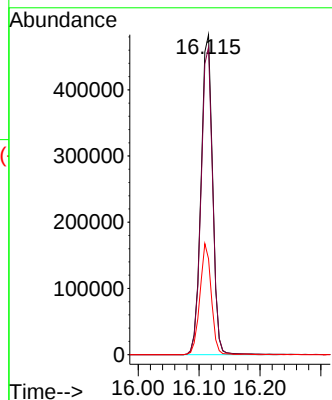
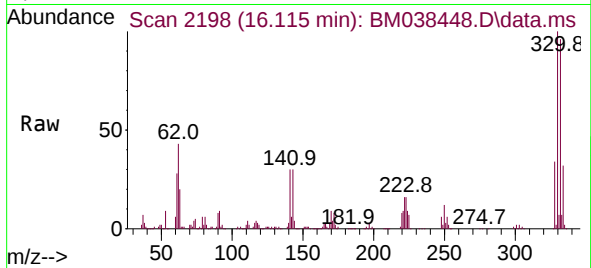




#42
2,4,6-Tribromophenol
Concen: 162.638 ng
RT: 16.115 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BM038448.D
Acq: 12 Jan 2023 22:16

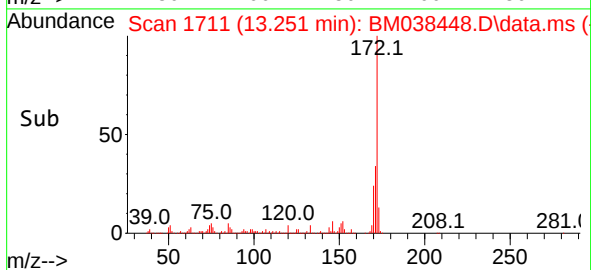
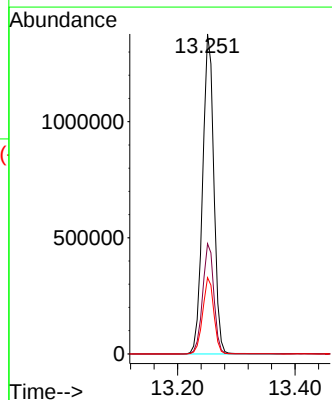
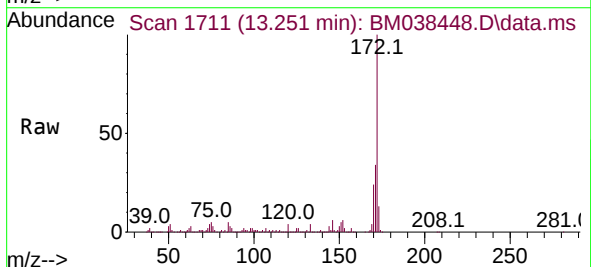
Instrument :
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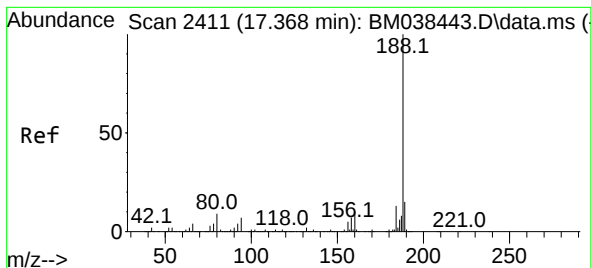
Tgt Ion:330 Resp: 635119
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 34.0 32.2 48.2



#45
2-Fluorobiphenyl
Concen: 89.182 ng
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM038448.D
Acq: 12 Jan 2023 22:16

Tgt Ion:172 Resp: 1822874
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038448.D

Acq: 12 Jan 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB150105TB

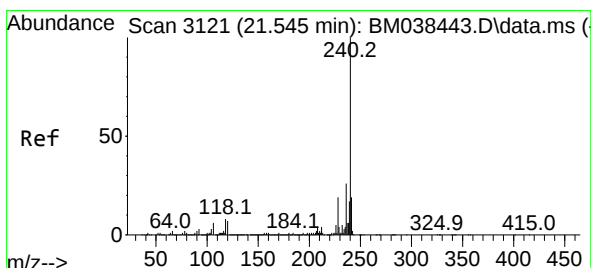
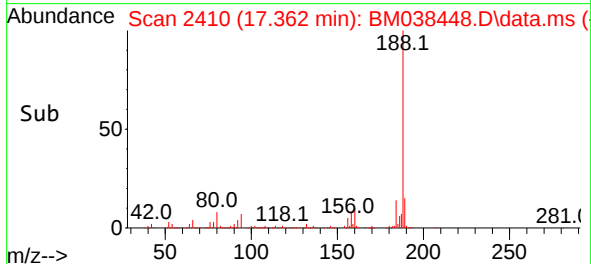
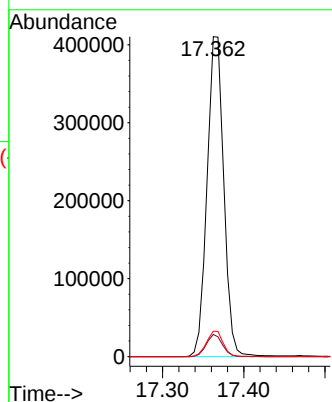
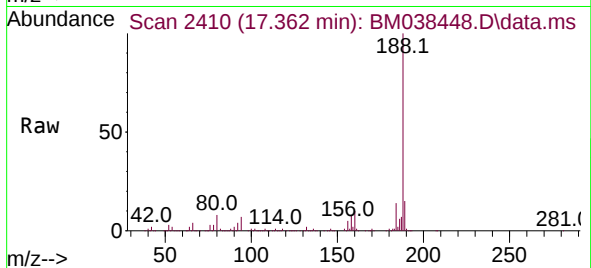
Tgt Ion:188 Resp: 589289

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 7.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM038448.D

Acq: 12 Jan 2023 22:16

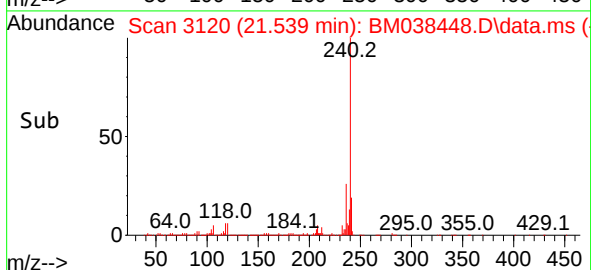
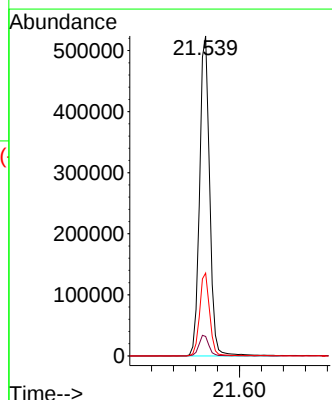
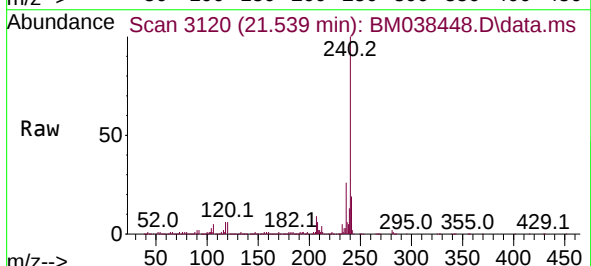
Tgt Ion:240 Resp: 663003

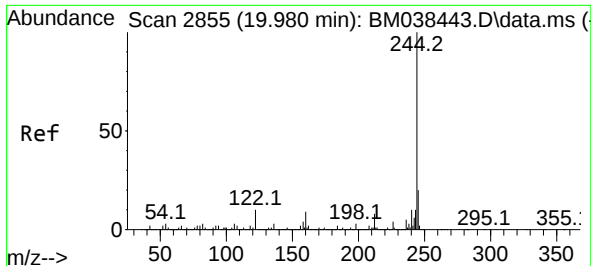
Ion Ratio Lower Upper

240 100

120 6.1 6.0 9.0

236 25.9 20.9 31.3

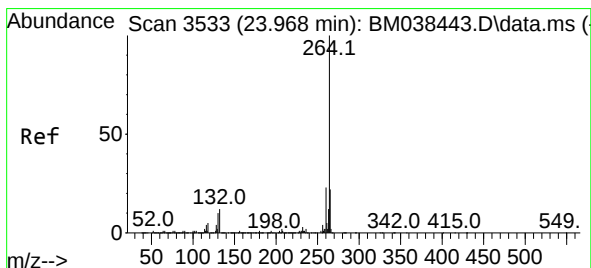
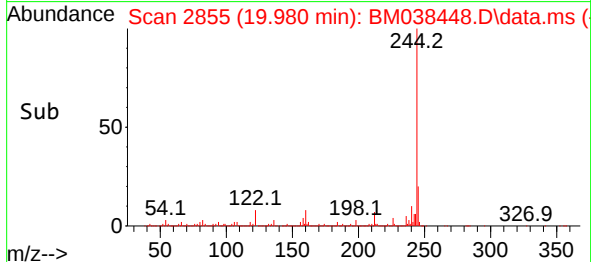
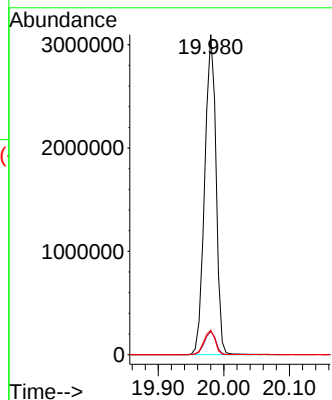
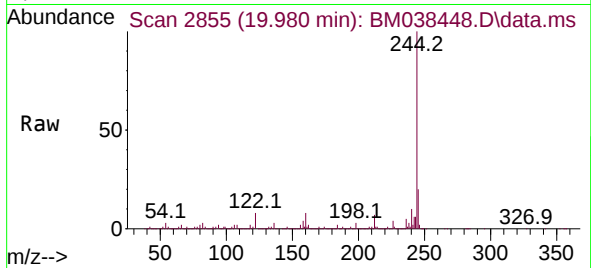




#79
 Terphenyl-d14
 Concen: 99.238 ng
 RT: 19.980 min Scan# 2855
 Delta R.T. -0.000 min
 Lab File: BM038448.D
 Acq: 12 Jan 2023 22:16

Instrument :
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 PB150105TB

Tgt Ion:244 Resp: 3677216
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.968 min Scan# 3533
 Delta R.T. -0.000 min
 Lab File: BM038448.D
 Acq: 12 Jan 2023 22:16

Tgt Ion:264 Resp: 703700
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 21.6 17.5 26.3

