

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034344.D
 Acq On : 23 Mar 2022 18:21
 Operator : CG/JU
 Sample : N1949-11 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CP-BH2-031422-4-6

Quant Time: Mar 24 02:43:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	174588	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	696401	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	416819	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	809357	20.000	ng	0.00
76) Chrysene-d12	21.489	240	770641	20.000	ng	0.00
86) Perylene-d12	23.900	264	849801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	433484	44.542	ng	0.00
7) Phenol-d6	7.095	99	567297	40.713	ng	0.00
23) Nitrobenzene-d5	9.095	82	361172	25.250	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	213121	37.934	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	797094	26.132	ng	-0.01
79) Terphenyl-d14	19.930	244	1203562	27.137	ng	0.00

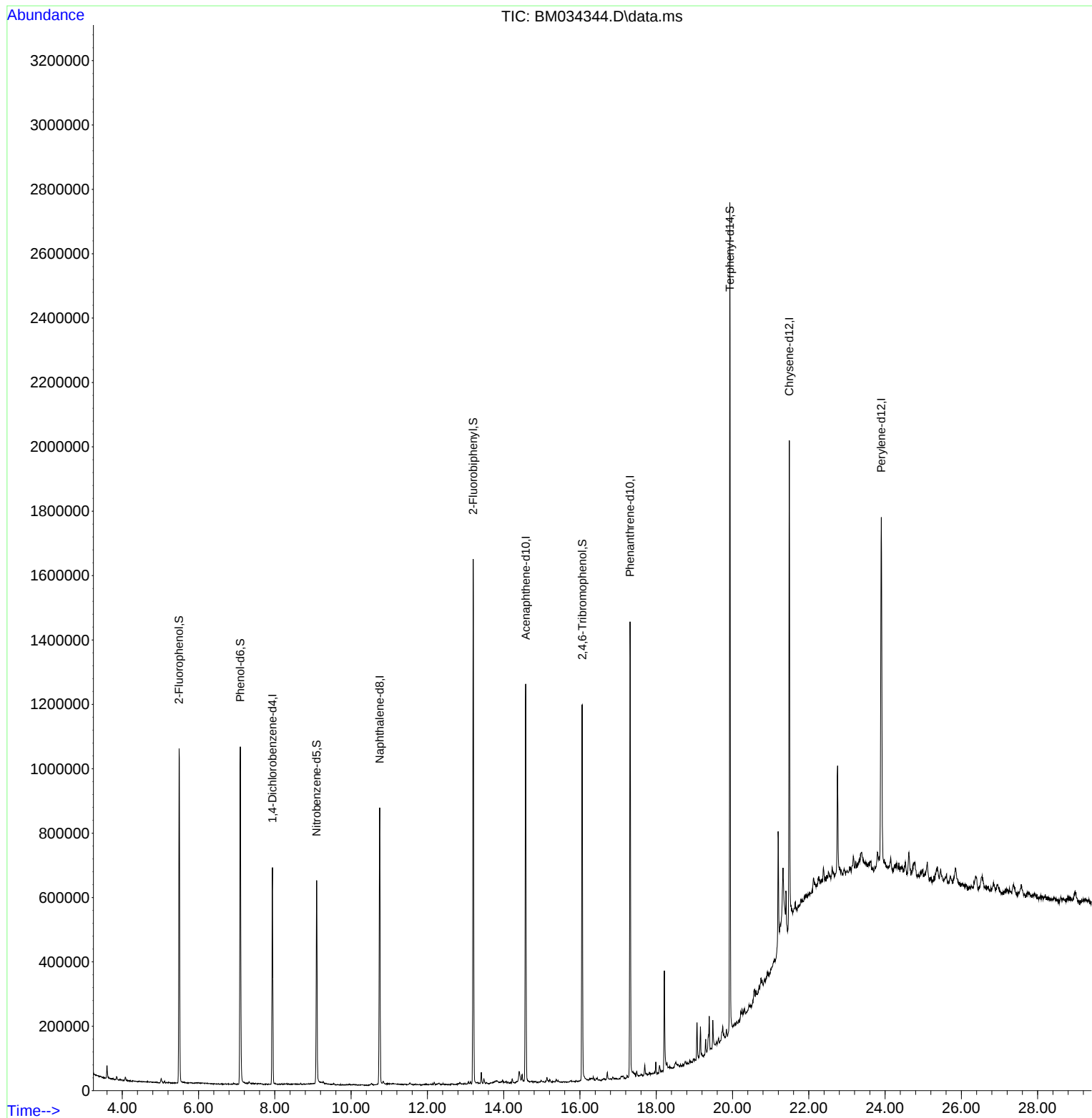
Target Compounds	Qvalue

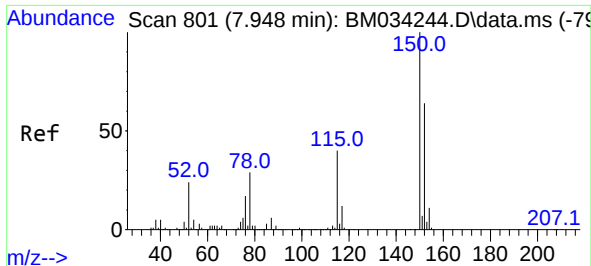
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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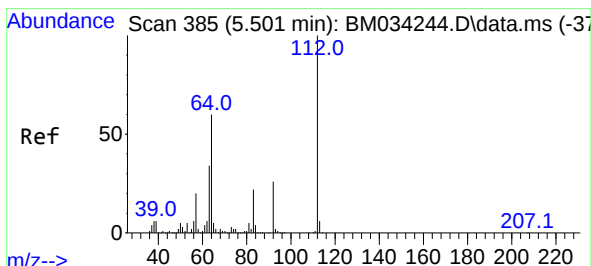
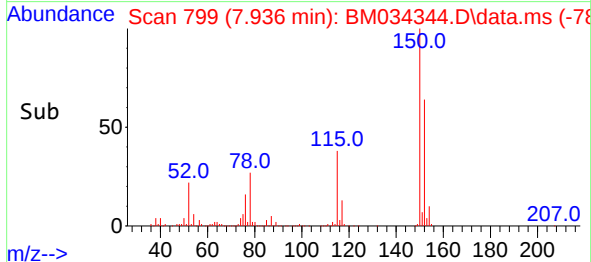
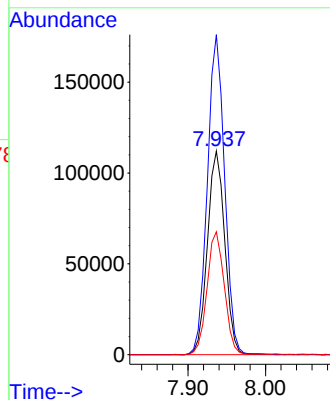
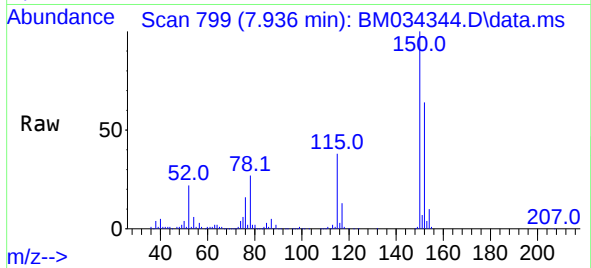




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM034344.D
Acq: 23 Mar 2022 18:21

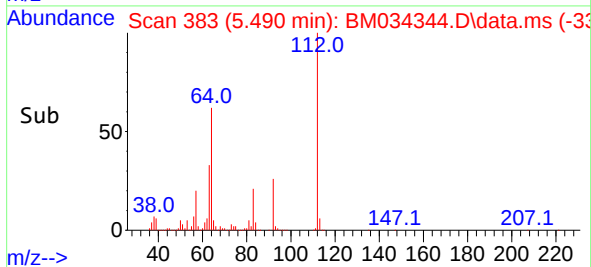
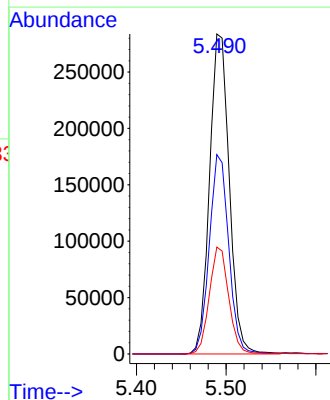
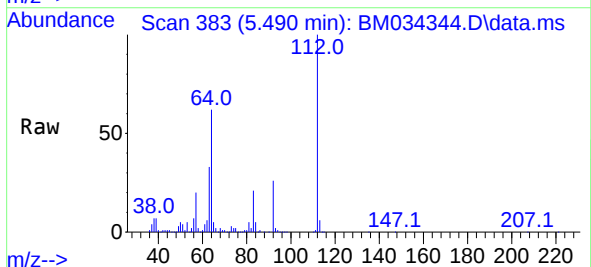
Instrument :
BNA_M
ClientSampleId :
CP-BH2-031422-4-6

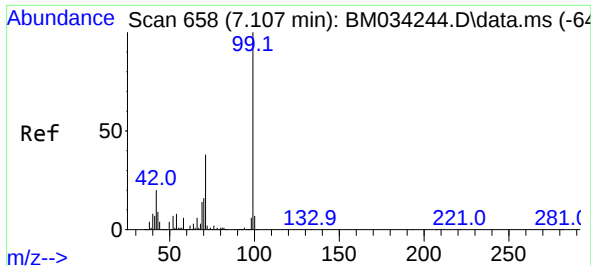
Tgt Ion:152 Resp: 174588
Ion Ratio Lower Upper
152 100
150 157.1 125.4 188.2
115 60.3 50.1 75.1



#5
2-Fluorophenol
Concen: 44.542 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM034344.D
Acq: 23 Mar 2022 18:21

Tgt Ion:112 Resp: 433484
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 33.4 27.1 40.7

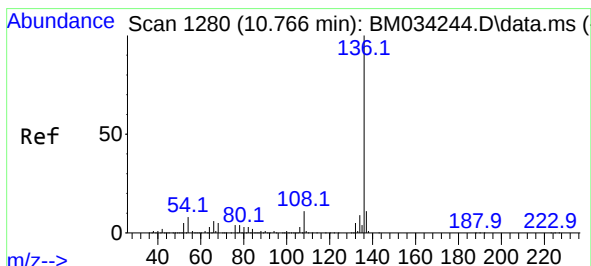
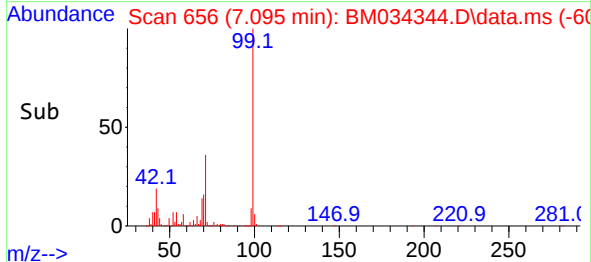
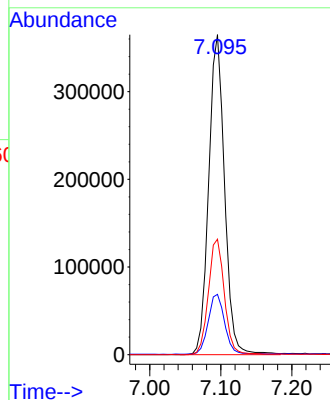
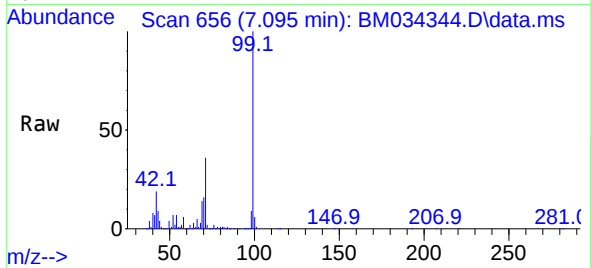




#7
Phenol-d6
Concen: 40.713 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034344.D
Acq: 23 Mar 2022 18:21

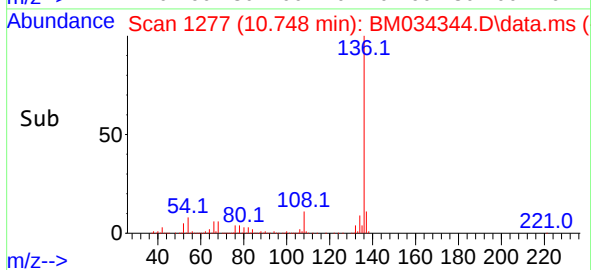
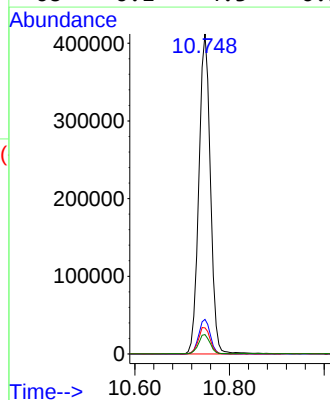
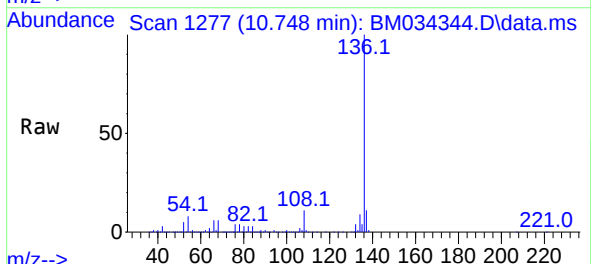
Instrument :
BNA_M
ClientSampleId :
CP-BH2-031422-4-6

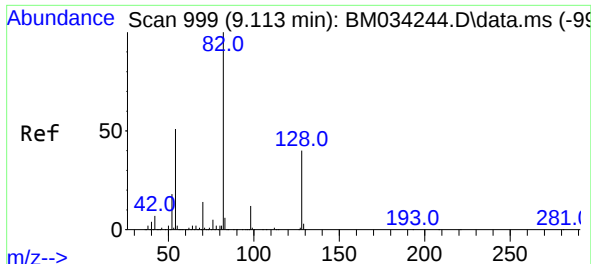
Tgt Ion: 99 Resp: 567297
Ion Ratio Lower Upper
99 100
42 18.9 15.6 23.4
71 36.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034344.D
Acq: 23 Mar 2022 18:21

Tgt Ion: 136 Resp: 696401
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.2 9.4
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 25.250 ng

RT: 9.095 min Scan# 996

Delta R.T. -0.012 min

Lab File: BM034344.D

Acq: 23 Mar 2022 18:21

Instrument :

BNA_M

ClientSampleId :

CP-BH2-031422-4-6

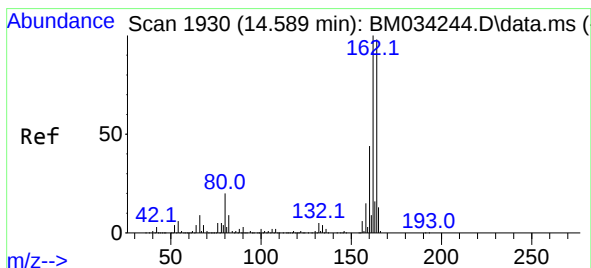
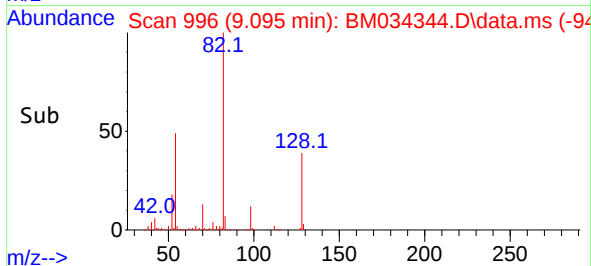
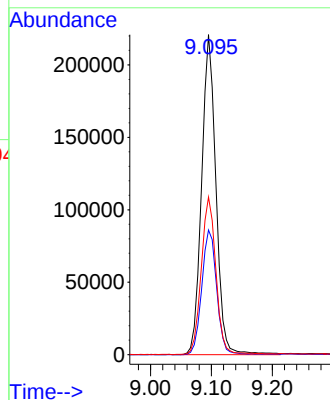
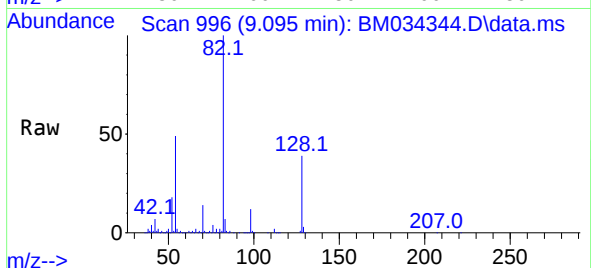
Tgt Ion: 82 Resp: 361172

Ion Ratio Lower Upper

82 100

128 39.0 31.9 47.9

54 49.2 40.6 61.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM034344.D

Acq: 23 Mar 2022 18:21

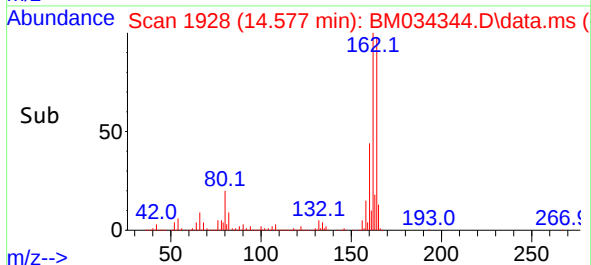
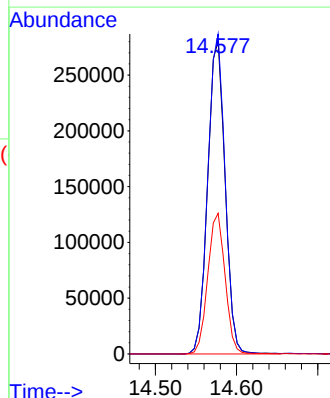
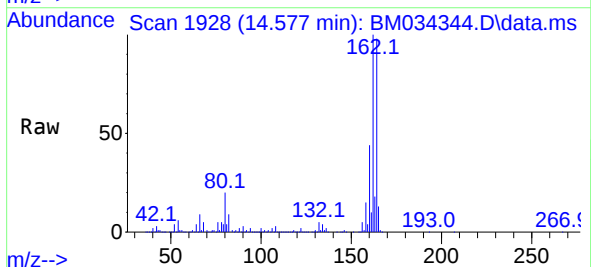
Tgt Ion: 164 Resp: 416819

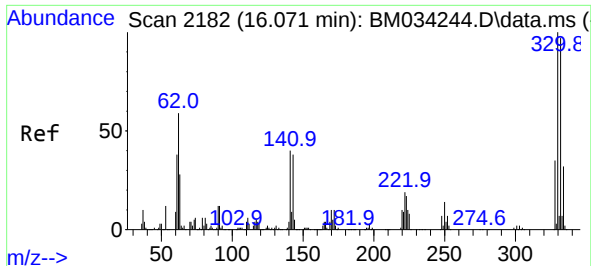
Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 45.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 37.934 ng

RT: 16.060 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM034344.D

Acq: 23 Mar 2022 18:21

Instrument :

BNA_M

ClientSampleId :

CP-BH2-031422-4-6

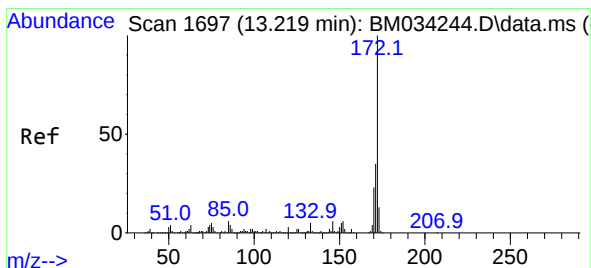
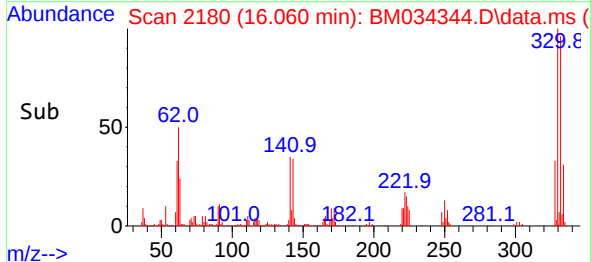
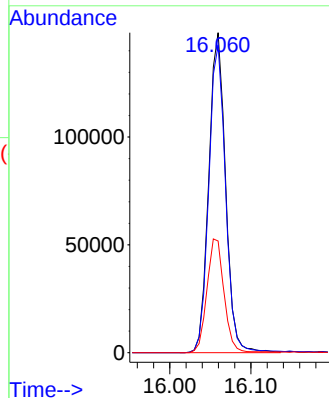
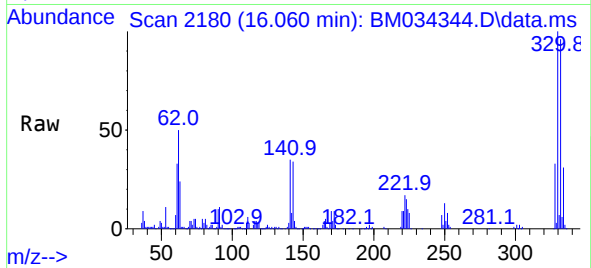
Tgt Ion:330 Resp: 213121

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 36.5 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 26.132 ng

RT: 13.201 min Scan# 1694

Delta R.T. -0.012 min

Lab File: BM034344.D

Acq: 23 Mar 2022 18:21

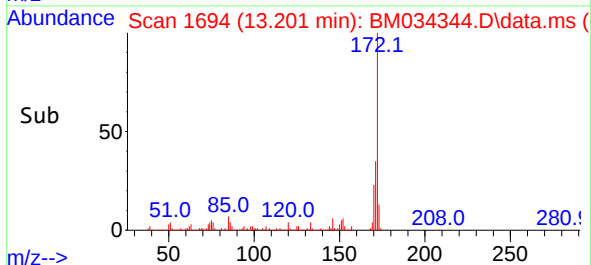
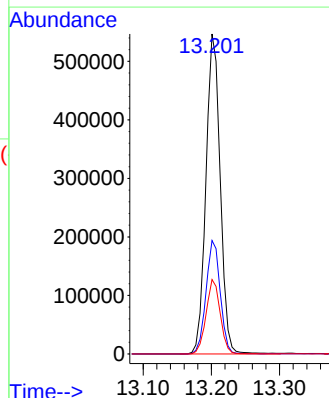
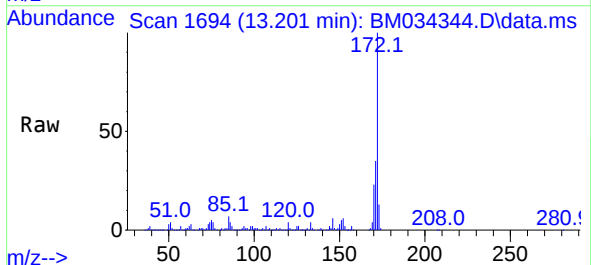
Tgt Ion:172 Resp: 797094

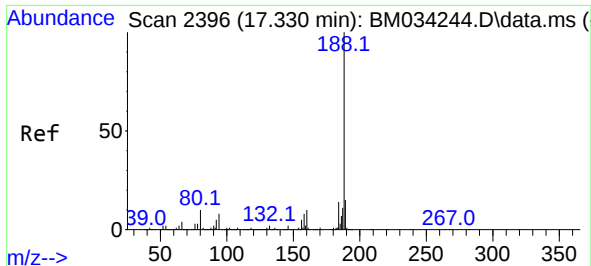
Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 23.3 18.6 28.0

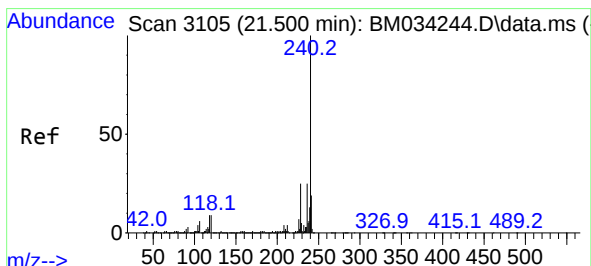
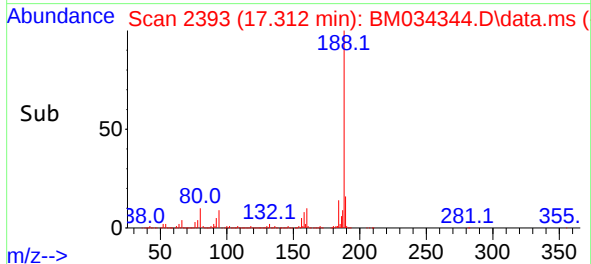
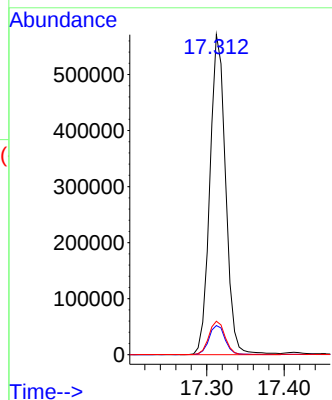
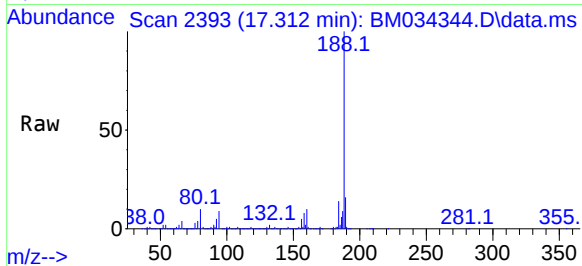




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034344.D
Acq: 23 Mar 2022 18:21

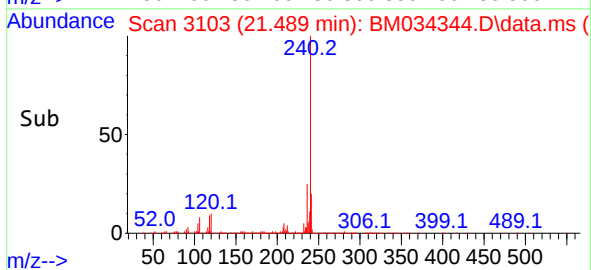
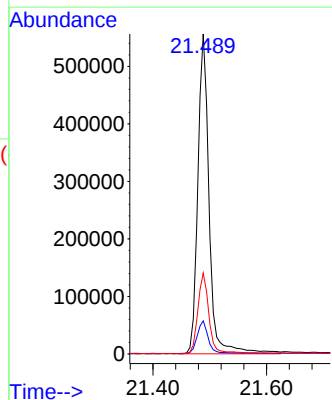
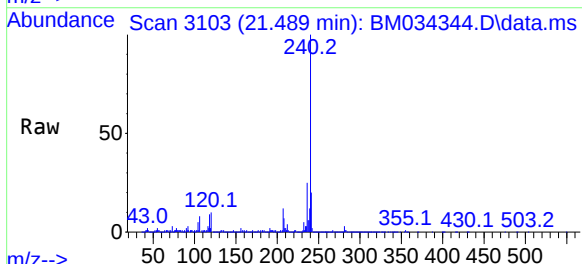
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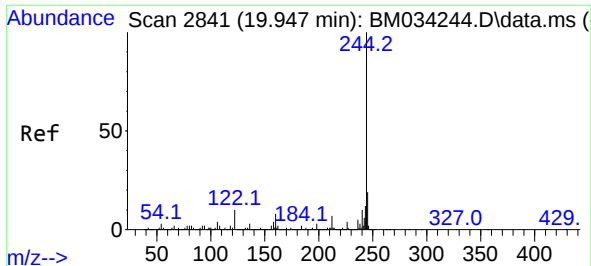
Tgt Ion:188 Resp: 809357
Ion Ratio Lower Upper
188 100
94 9.1 6.6 9.8
80 10.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM034344.D
Acq: 23 Mar 2022 18:21

Tgt Ion:240 Resp: 770641
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 25.3 20.2 30.2

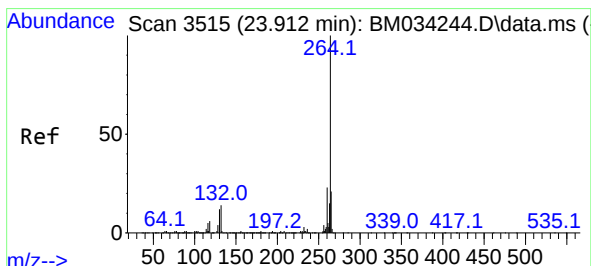
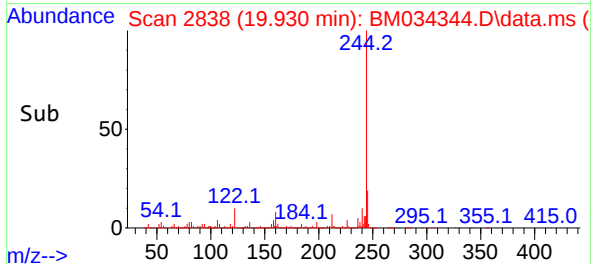
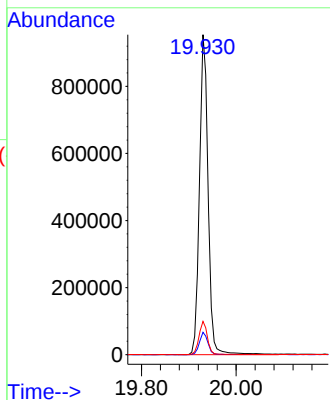
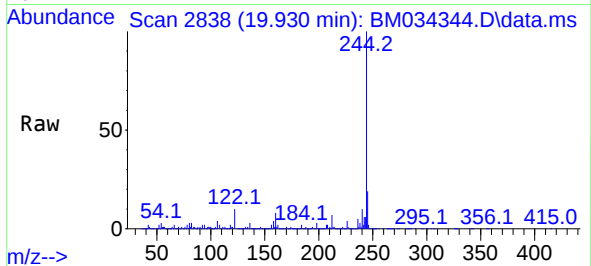




#79
 Terphenyl-d14
 Concen: 27.137 ng
 RT: 19.930 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM034344.D
 Acq: 23 Mar 2022 18:21

Instrument :
 BNA_M
 ClientSampleId :
 CP-BH2-031422-4-6

Tgt Ion:244 Resp: 1203562
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.006 min
 Lab File: BM034344.D
 Acq: 23 Mar 2022 18:21

Tgt Ion:264 Resp: 849801
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 22.0 17.6 26.4

