

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034325.D
 Acq On : 23 Mar 2022 00:16
 Operator : CG/JU
 Sample : N1949-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CP-BH1-031422-0-2

Quant Time: Mar 23 05:08:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	175968	20.000	ng	-0.01
21) Naphthalene-d8	10.748	136	688227	20.000	ng	-0.02
39) Acenaphthene-d10	14.577	164	405488	20.000	ng	-0.01
64) Phenanthrene-d10	17.318	188	779663	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	740238	20.000	ng	-0.01
86) Perylene-d12	23.900	264	820927	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	920147	93.807	ng	0.00
7) Phenol-d6	7.095	99	1219030	86.800	ng	-0.01
23) Nitrobenzene-d5	9.101	82	781010	55.250	ng	-0.01
42) 2,4,6-Tribromophenol	16.065	330	449932	82.323	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1599464	53.902	ng	-0.01
79) Terphenyl-d14	19.936	244	2299848	53.986	ng	-0.01

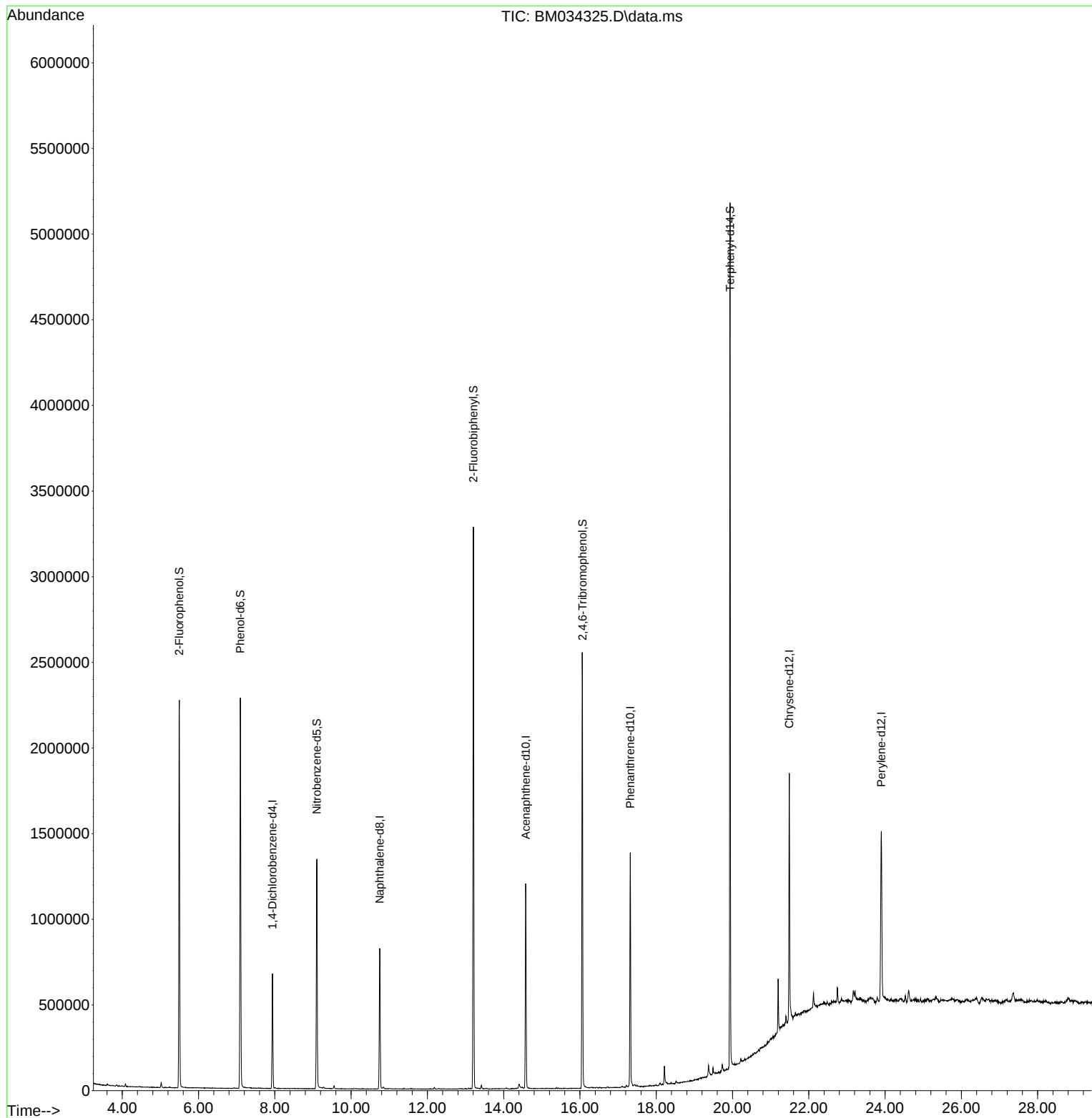
Target Compounds	Qvalue

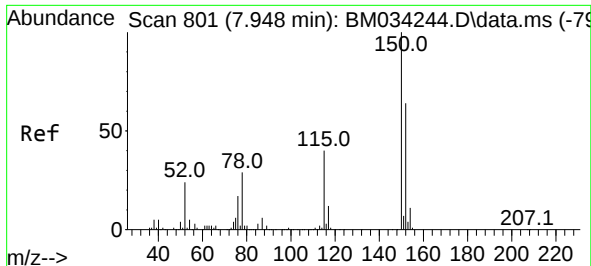
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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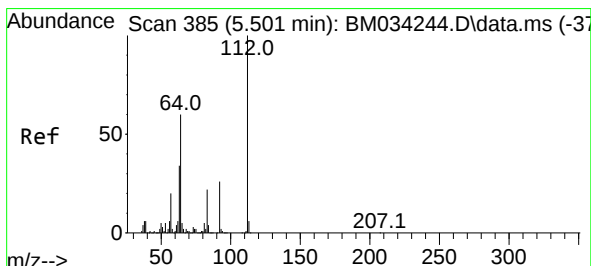
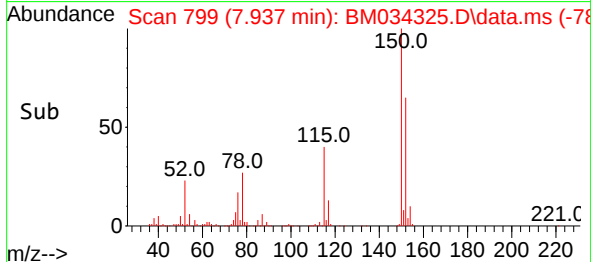
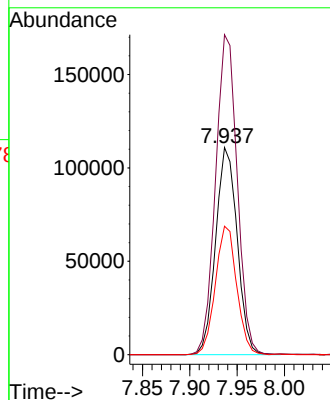
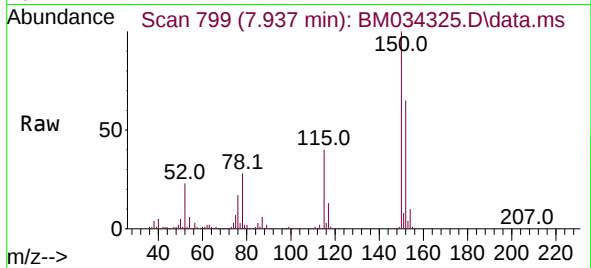




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.011 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

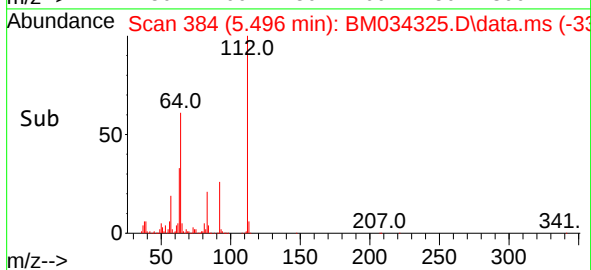
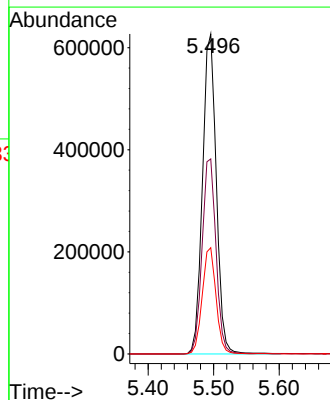
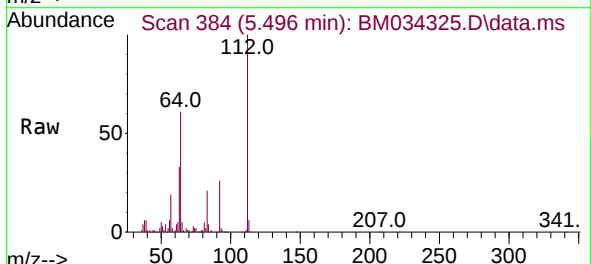
Instrument :
BNA_M
ClientSampleId :
CP-BH1-031422-0-2

Tgt Ion:152 Resp: 175968
Ion Ratio Lower Upper
152 100
150 154.4 125.4 188.2
115 62.0 50.1 75.1



#5
2-Fluorophenol
Concen: 93.807 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

Tgt Ion:112 Resp: 920147
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 33.2 27.1 40.7

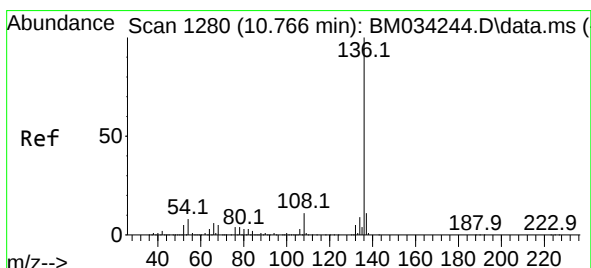
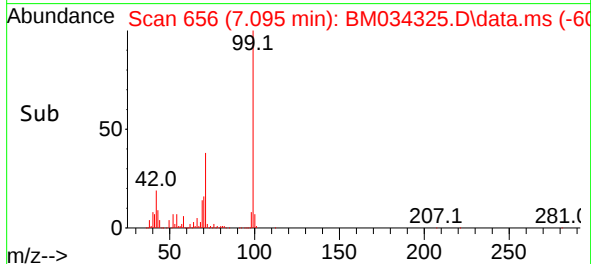
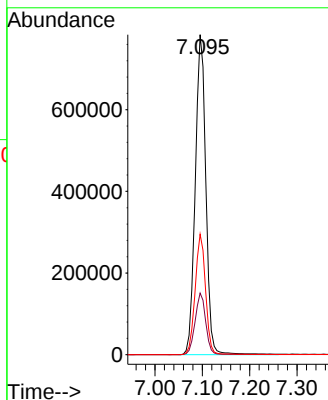
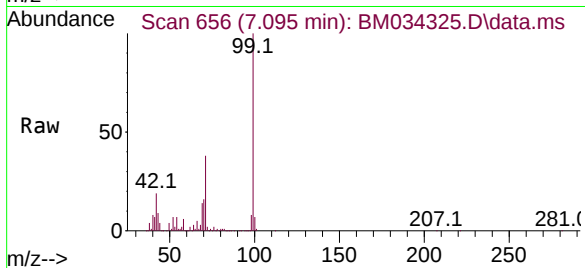




#7
Phenol-d6
Concen: 86.800 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

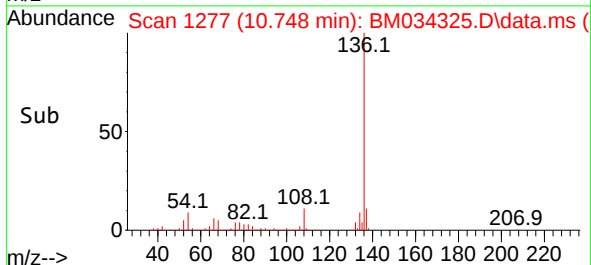
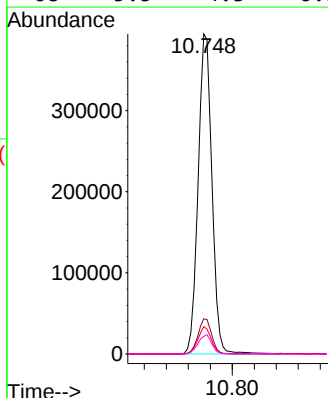
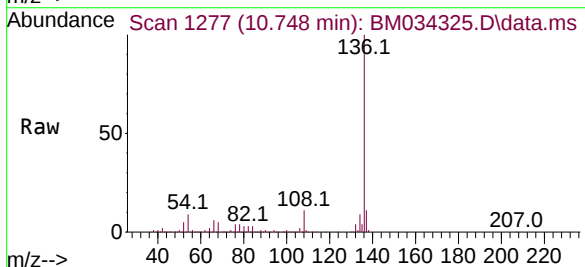
Instrument :
BNA_M
ClientSampleId :
CP-BH1-031422-0-2

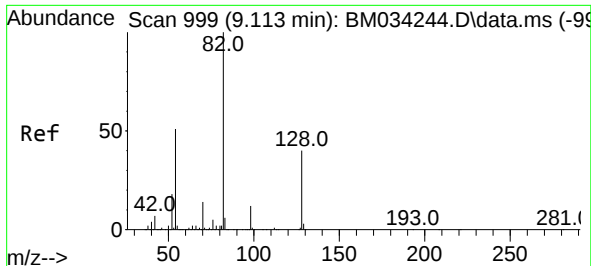
Tgt Ion: 99 Resp: 1219030
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 37.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

Tgt Ion: 136 Resp: 688227
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.2 9.4
68 5.5 4.3 6.5

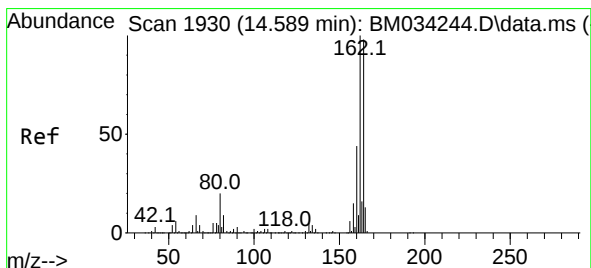
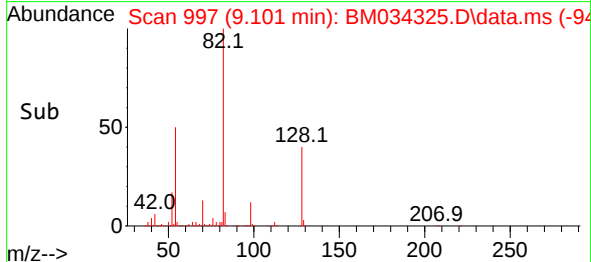
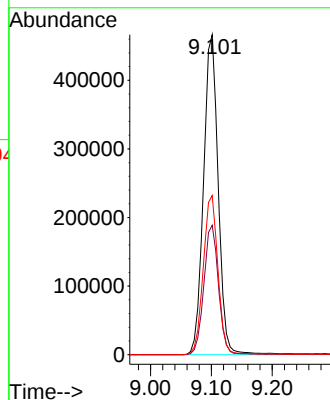
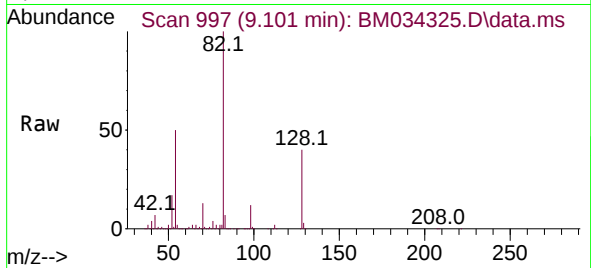




#23
Nitrobenzene-d5
Concen: 55.250 ng
RT: 9.101 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

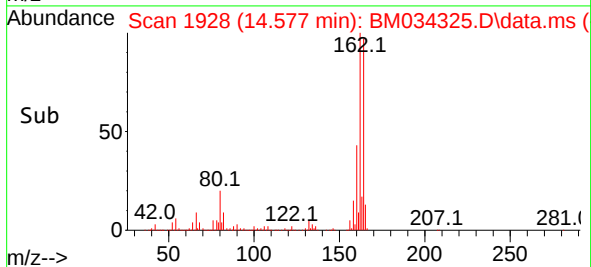
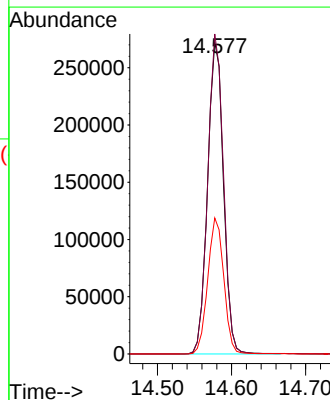
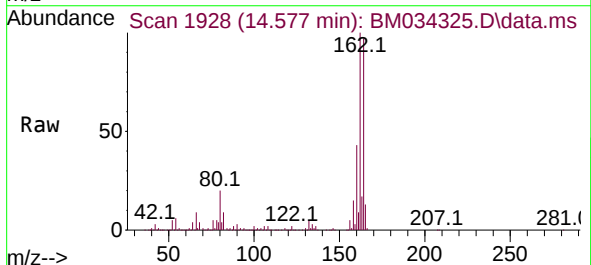
Instrument :
BNA_M
ClientSampleId :
CP-BH1-031422-0-2

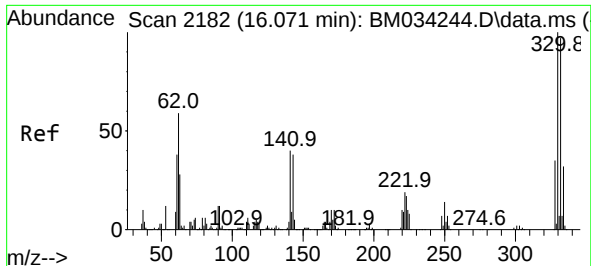
Tgt Ion: 82 Resp: 781010
Ion Ratio Lower Upper
82 100
128 40.4 31.9 47.9
54 49.7 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

Tgt Ion:164 Resp: 405488
Ion Ratio Lower Upper
164 100
162 102.7 81.6 122.4
160 43.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 82.323 ng

RT: 16.065 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM034325.D

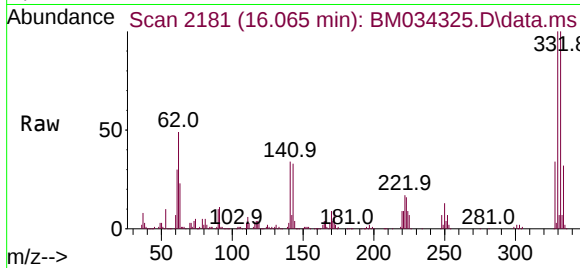
Acq: 23 Mar 2022 00:16

Instrument :

BNA_M

ClientSampleId :

CP-BH1-031422-0-2



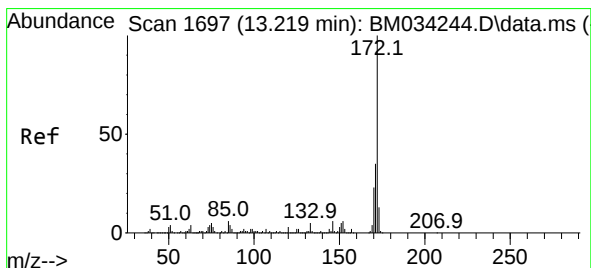
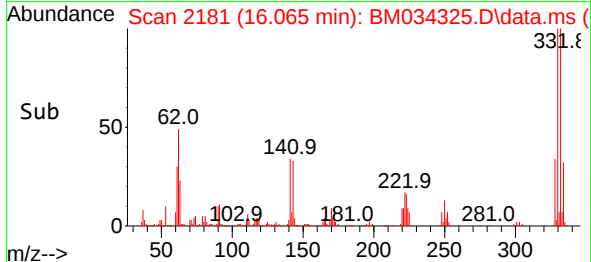
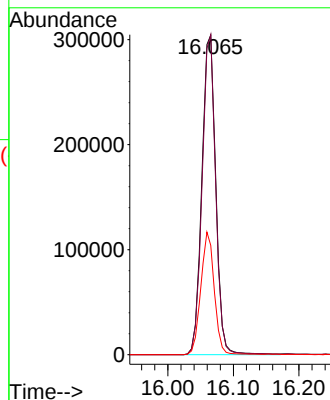
Tgt Ion:330 Resp: 449932

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

141 37.1 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 53.902 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.012 min

Lab File: BM034325.D

Acq: 23 Mar 2022 00:16

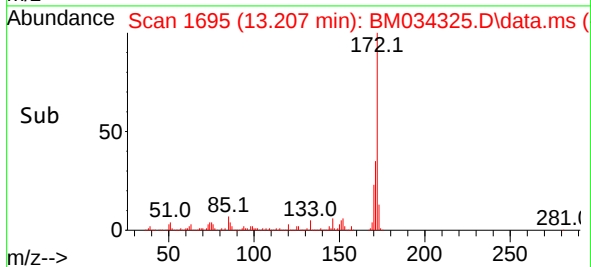
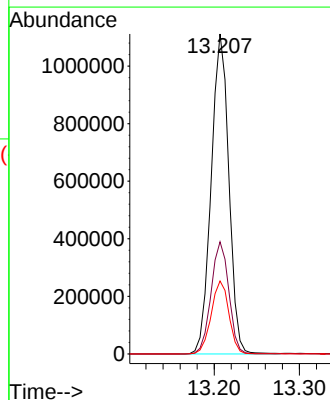
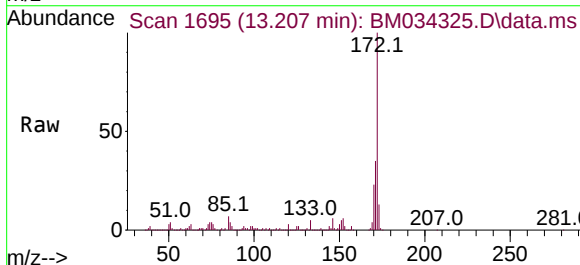
Tgt Ion:172 Resp: 1599464

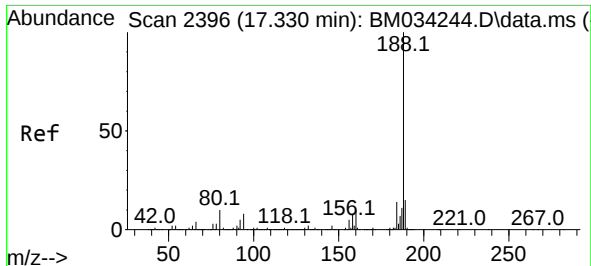
Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 22.8 18.6 28.0

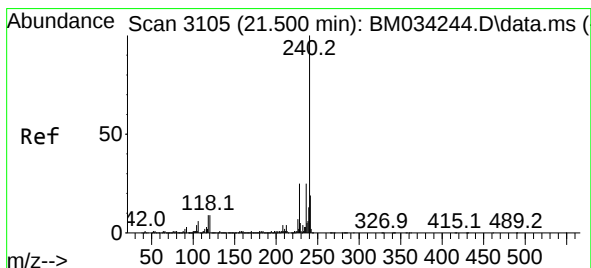
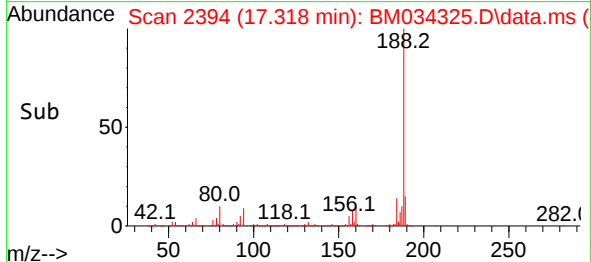
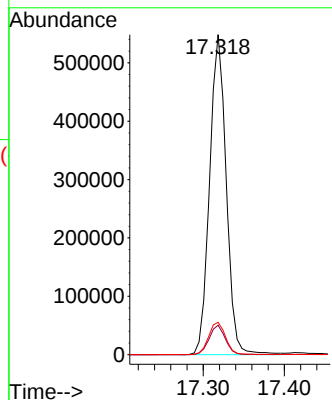
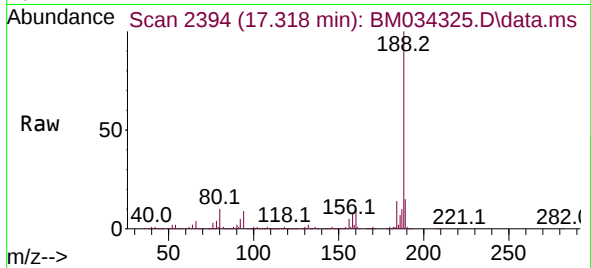




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

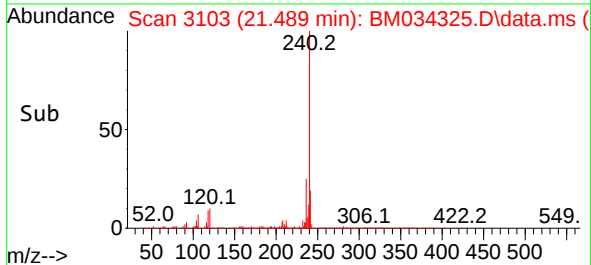
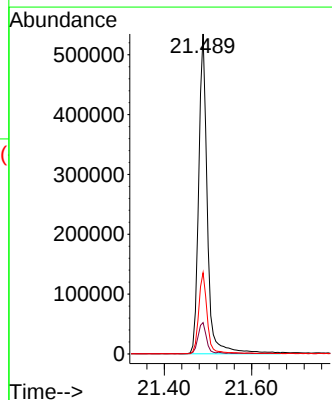
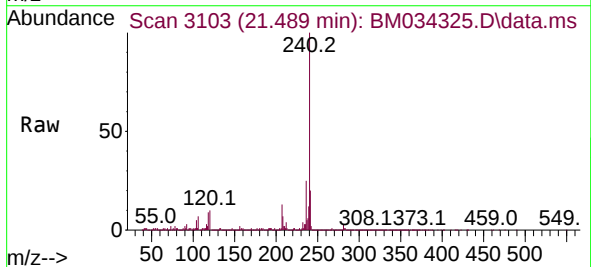
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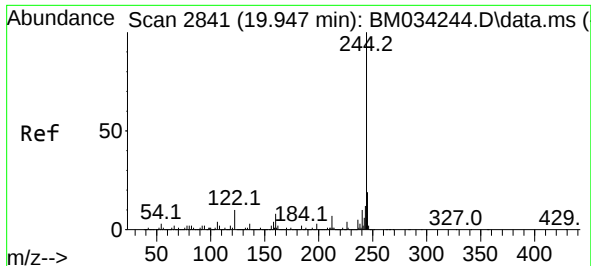
Tgt Ion:188 Resp: 779663
Ion Ratio Lower Upper
188 100
94 9.2 6.6 9.8
80 10.1 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM034325.D
Acq: 23 Mar 2022 00:16

Tgt Ion:240 Resp: 740238
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.4 20.2 30.2

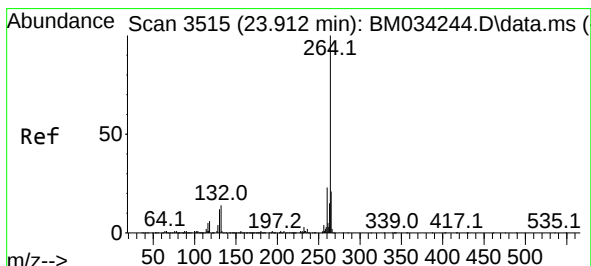
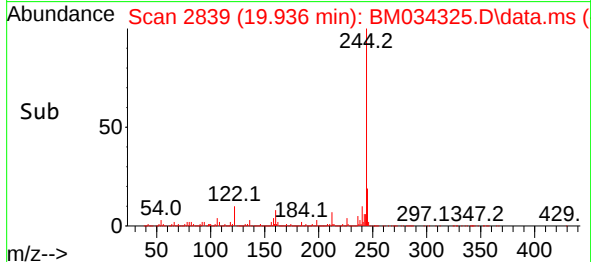
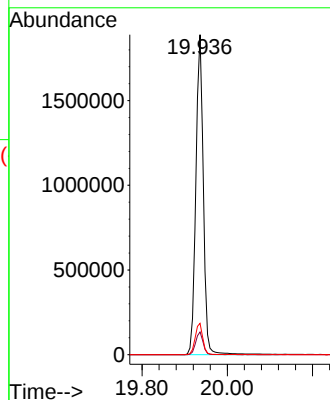
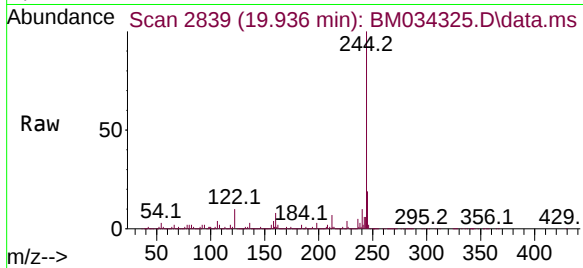




#79
 Terphenyl-d14
 Concen: 53.986 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM034325.D
 Acq: 23 Mar 2022 00:16

Instrument :
 BNA_M
 ClientSampleId :
 CP-BH1-031422-0-2

Tgt Ion:244 Resp: 2299848
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.012 min
 Lab File: BM034325.D
 Acq: 23 Mar 2022 00:16

Tgt Ion:264 Resp: 820927
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.8 17.6 26.4

