

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035606.D
 Acq On : 22 Jun 2022 18:42
 Operator : CG/JU
 Sample : N3421-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-1-0-2-20220620

Quant Time: Jun 23 07:36:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

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

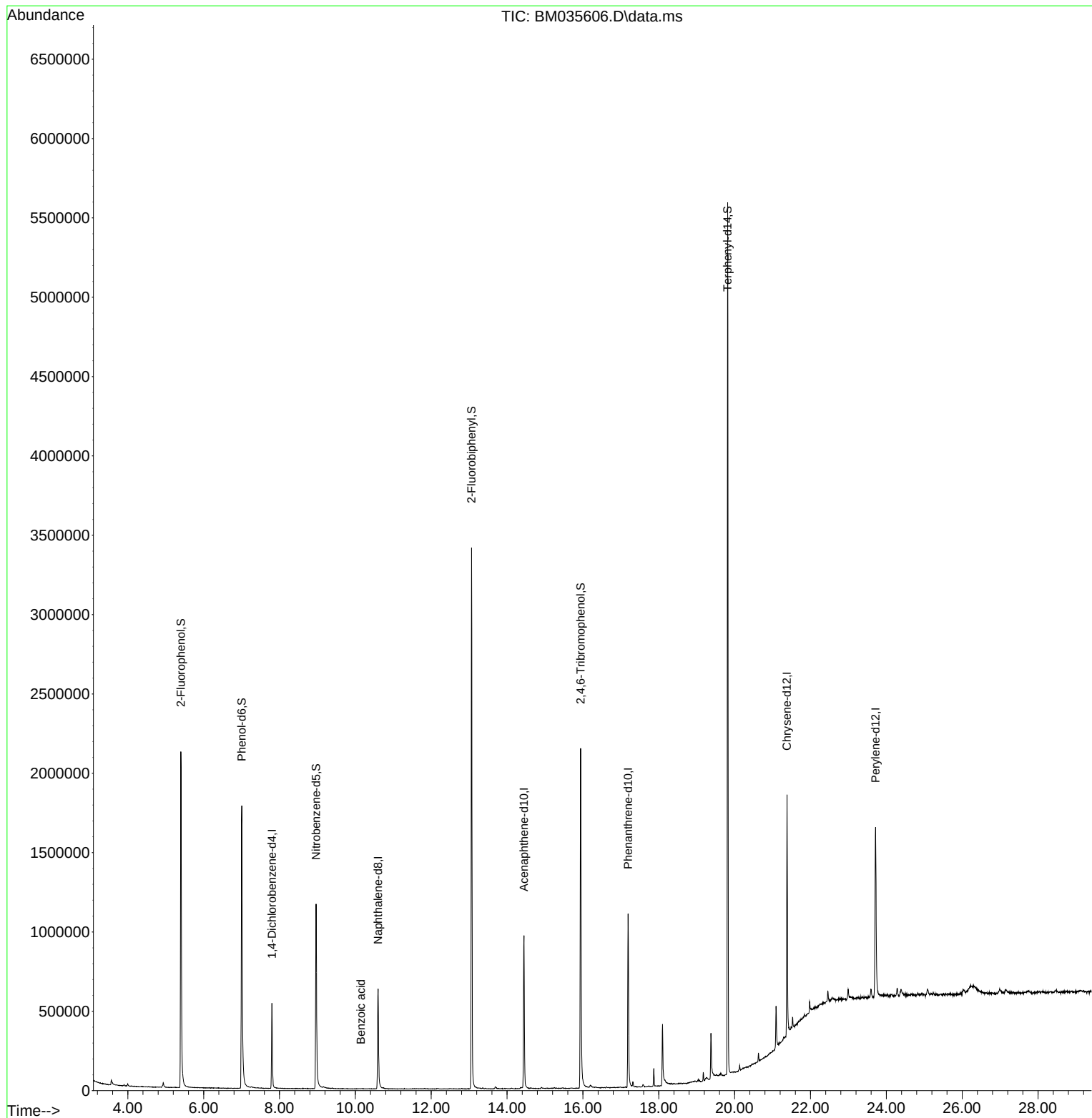
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	157714	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	633429	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	362627	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	739665	20.000	ng	# 0.00
76) Chrysene-d12	21.380	240	759838	20.000	ng	0.00
86) Perylene-d12	23.715	264	855094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1068216	114.857	ng	0.00
7) Phenol-d6	7.004	99	1332163	103.364	ng	0.00
23) Nitrobenzene-d5	8.963	82	779661	66.889	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	453094	117.359	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1818034	71.624	ng	0.00
79) Terphenyl-d14	19.815	244	2636663	66.255	ng	0.00
Target Compounds						
32) Benzoic acid	10.145	122	60	4.649	ng	# 56

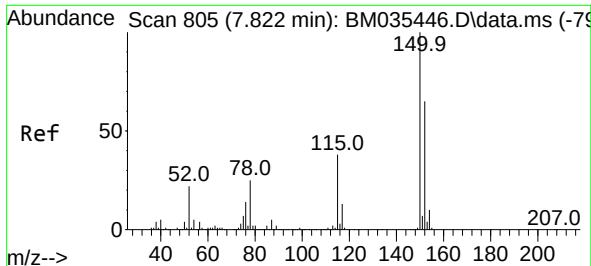
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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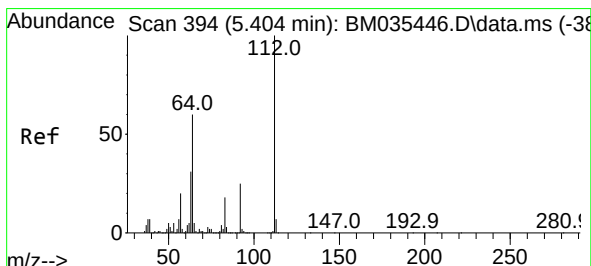
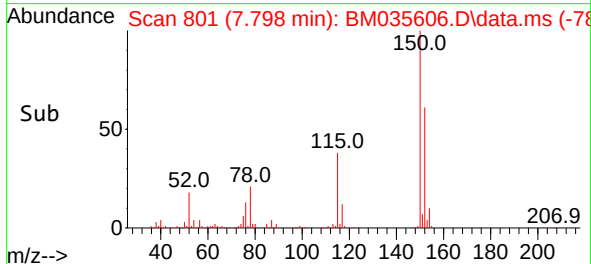
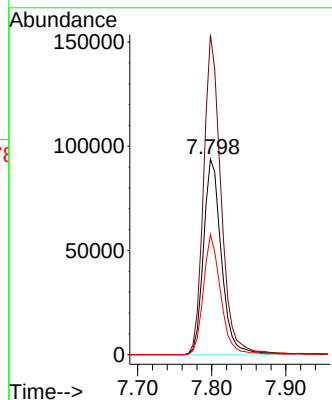
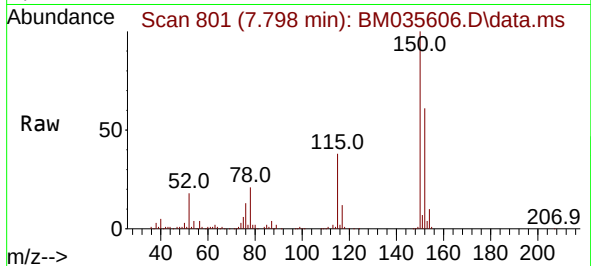




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 805
Delta R.T. 0.000 min
Lab File: BM035606.D
Acq: 22 Jun 2022 18:42

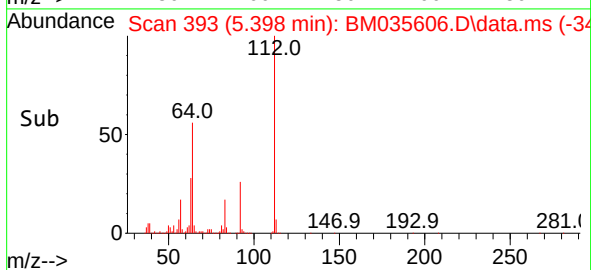
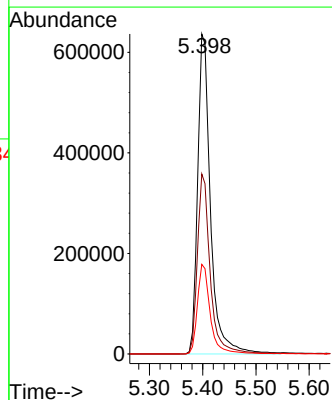
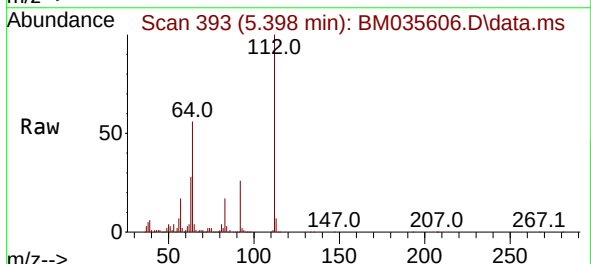
Instrument :
BNA_M
ClientSampleId :
SB-1-0-2-20220620

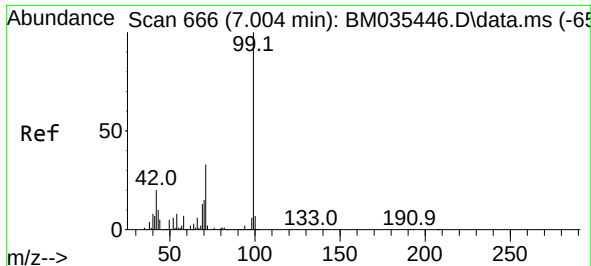
Tgt Ion:152 Resp: 157714
Ion Ratio Lower Upper
152 100
150 163.5 124.9 187.3
115 61.5 47.9 71.9



#5
2-Fluorophenol
Concen: 114.857 ng
RT: 5.398 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM035606.D
Acq: 22 Jun 2022 18:42

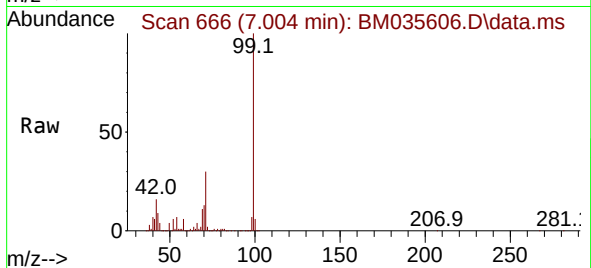
Tgt Ion:112 Resp: 1068216
Ion Ratio Lower Upper
112 100
64 56.3 47.8 71.6
63 28.0 26.6 40.0





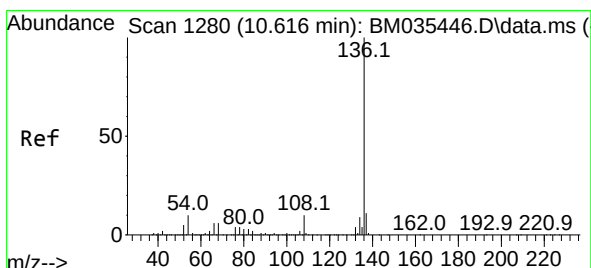
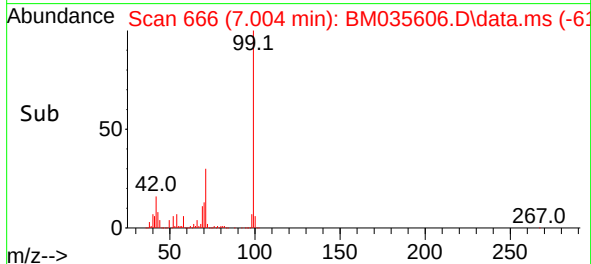
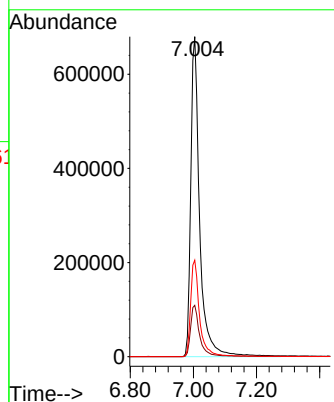
#7
Phenol-d6
Concen: 103.364 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035606.D
Acq: 22 Jun 2022 18:42

Instrument :
BNA_M
ClientSampleId :
SB-1-0-2-20220620



Tgt Ion: 99 Resp: 1332163

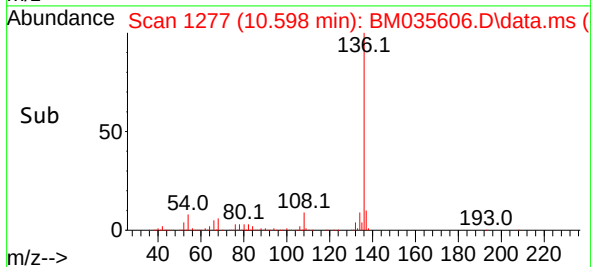
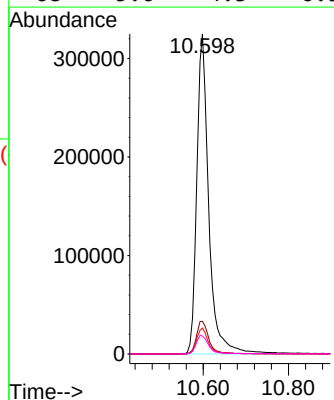
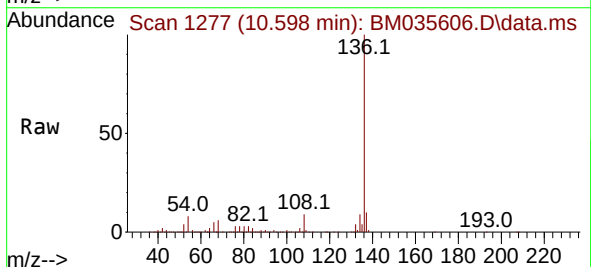
Ion	Ratio	Lower	Upper
99	100		
42	16.0	18.8	28.2#
71	30.1	30.2	45.2#

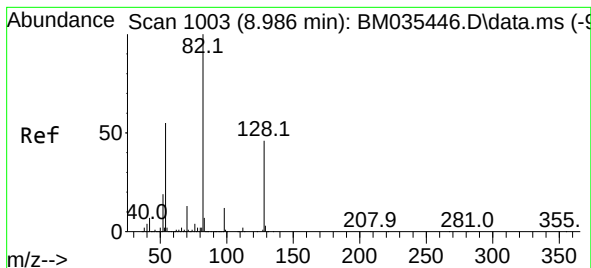


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM035606.D
Acq: 22 Jun 2022 18:42

Tgt Ion: 136 Resp: 633429

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	8.1	7.0	10.4
68	5.6	4.3	6.5





#23

Nitrobenzene-d5

Concen: 66.889 ng

RT: 8.963 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM035606.D

Acq: 22 Jun 2022 18:42

Instrument :

BNA_M

ClientSampleId :

SB-1-0-2-20220620

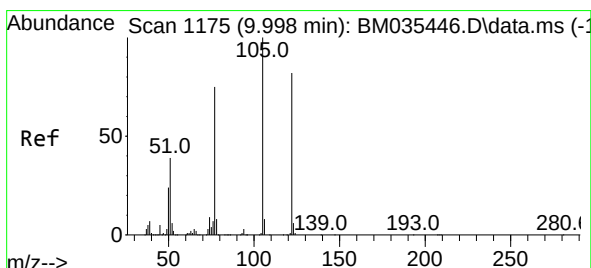
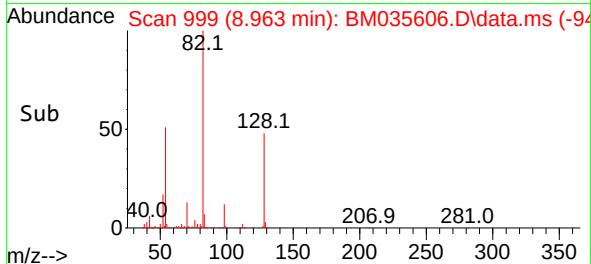
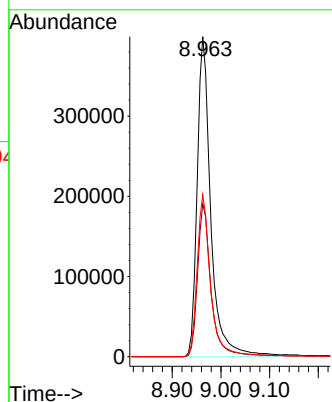
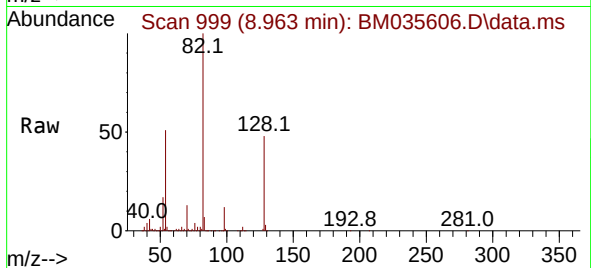
Tgt Ion: 82 Resp: 779661

Ion Ratio Lower Upper

82 100

128 47.8 33.7 50.5

54 50.6 43.2 64.8



#32

Benzoic acid

Concen: 4.649 ng

RT: 10.145 min Scan# 1200

Delta R.T. 0.141 min

Lab File: BM035606.D

Acq: 22 Jun 2022 18:42

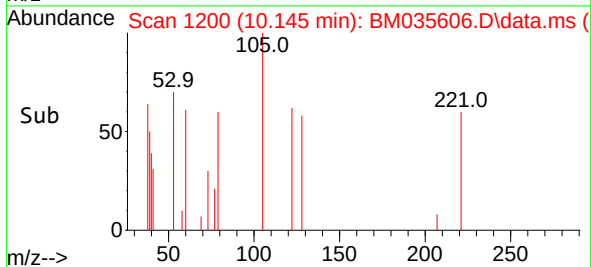
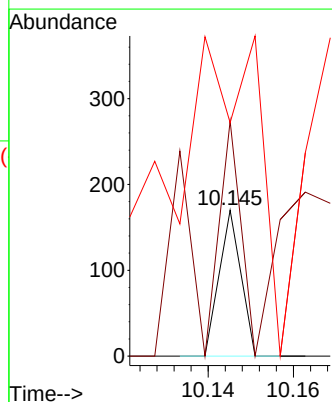
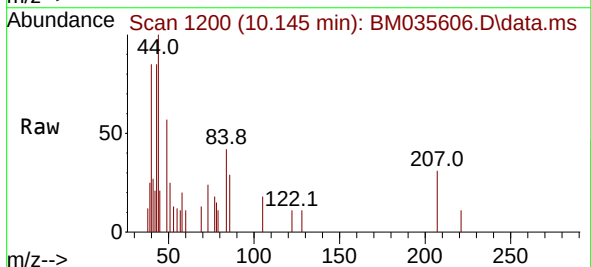
Tgt Ion: 122 Resp: 60

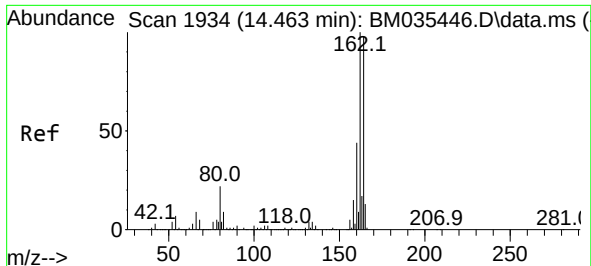
Ion Ratio Lower Upper

122 100

105 161.2 105.7 145.7#

77 160.0 80.0 120.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BM035606.D

Acq: 22 Jun 2022 18:42

Instrument :

BNA_M

ClientSampleId :

SB-1-0-2-20220620

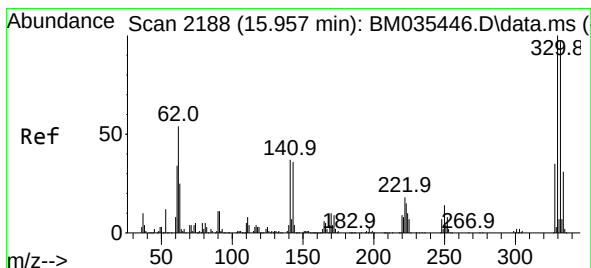
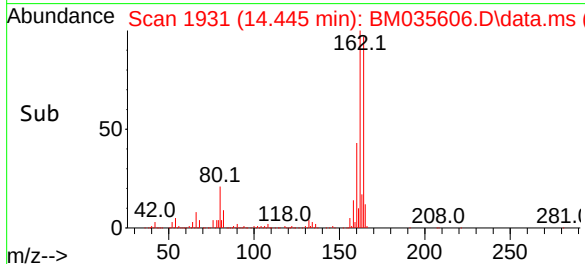
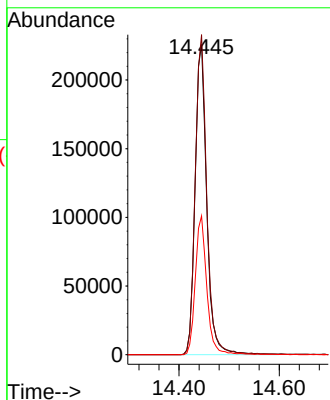
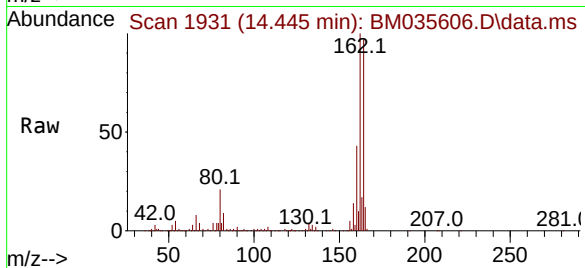
Tgt Ion:164 Resp: 362627

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

160 44.7 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 117.359 ng

RT: 15.939 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BM035606.D

Acq: 22 Jun 2022 18:42

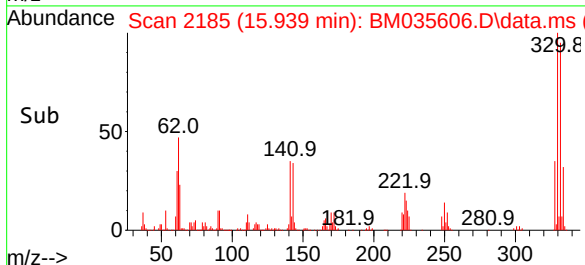
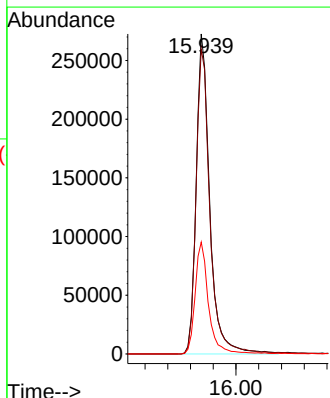
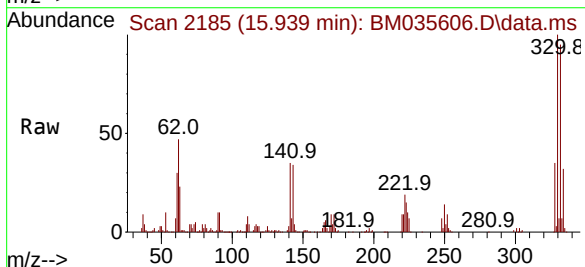
Tgt Ion:330 Resp: 453094

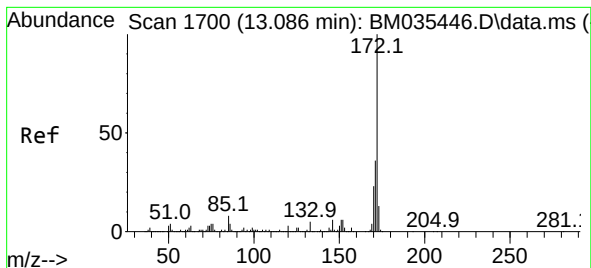
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 34.3 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 71.624 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035606.D

Acq: 22 Jun 2022 18:42

Instrument :

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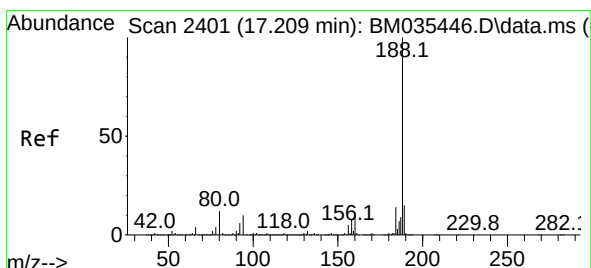
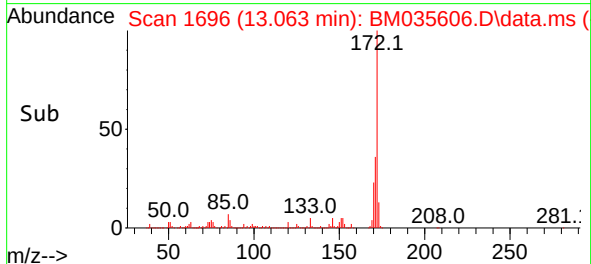
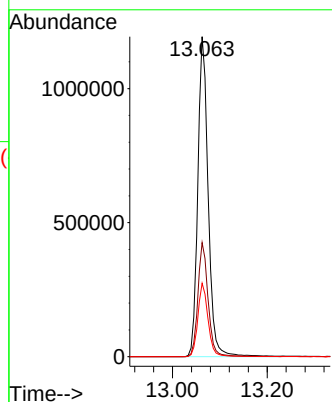
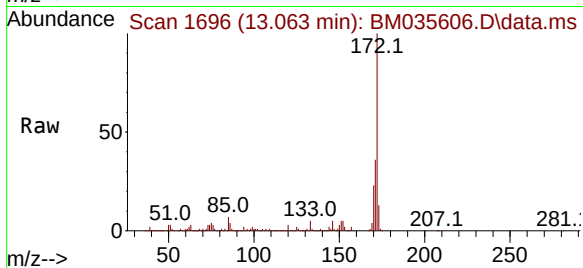
Tgt Ion:172 Resp: 1818034

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.0 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BM035606.D

Acq: 22 Jun 2022 18:42

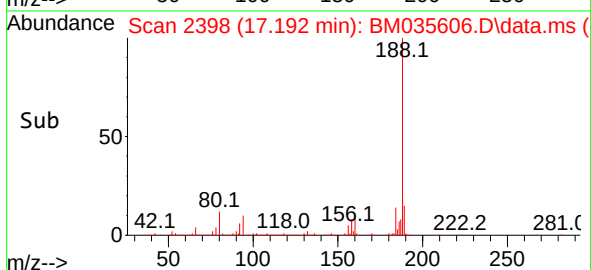
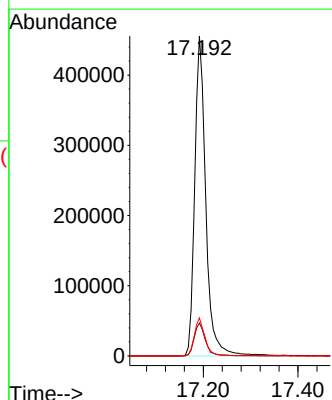
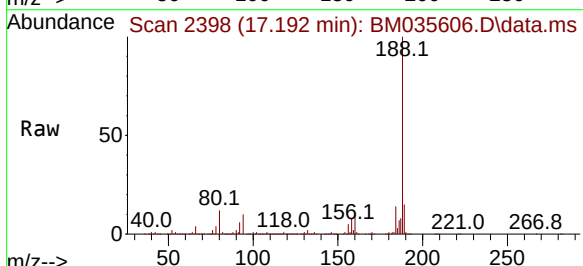
Tgt Ion:188 Resp: 739665

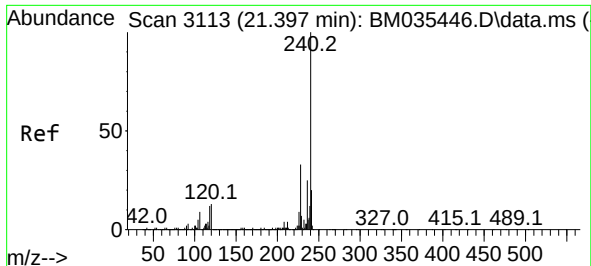
Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.4

80 11.9 7.6 11.4#

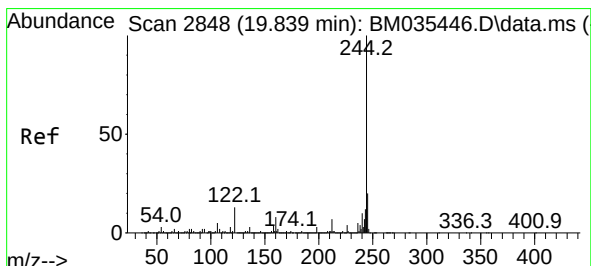
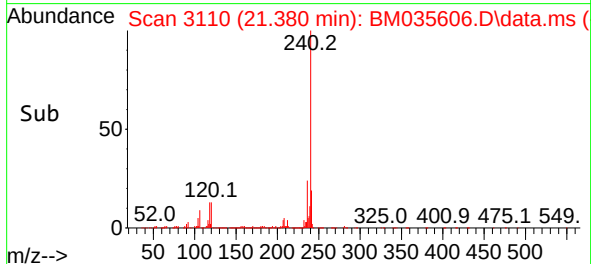
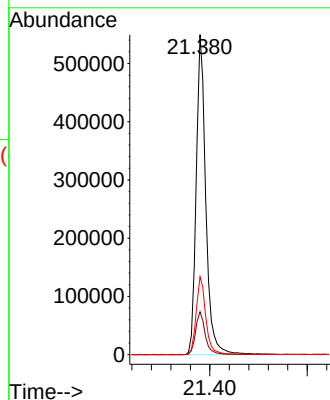
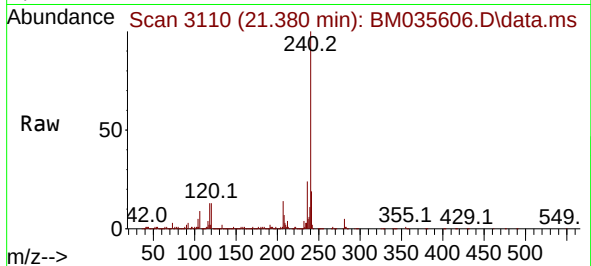




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM035606.D
Acq: 22 Jun 2022 18:42

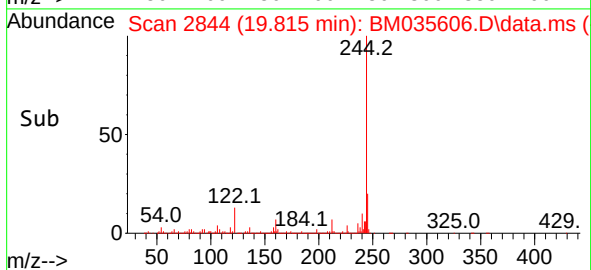
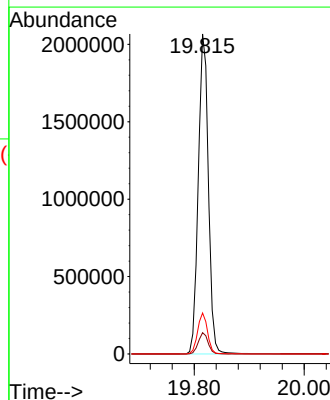
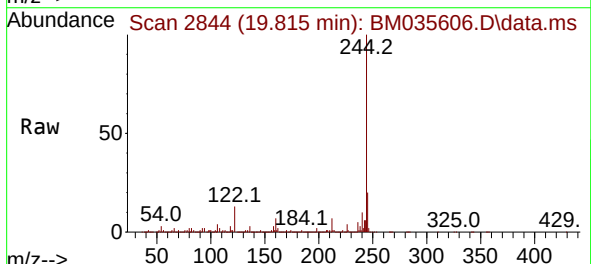
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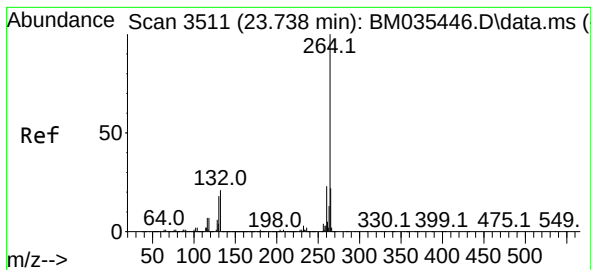
Tgt Ion:240 Resp: 759838
Ion Ratio Lower Upper
240 100
120 13.4 9.4 14.0
236 24.4 20.6 30.8



#79
Terphenyl-d14
Concen: 66.255 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM035606.D
Acq: 22 Jun 2022 18:42

Tgt Ion:244 Resp: 2636663
Ion Ratio Lower Upper
244 100
212 6.7 6.2 9.4
122 12.8 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM035606.D

Acq: 22 Jun 2022 18:42

Instrument :

BNA_M

ClientSampleId :

SB-1-0-2-20220620

Tgt Ion:264 Resp: 855094

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.5 17.5 26.3

