

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034364.D
 Acq On : 24 Mar 2022 16:14
 Operator : CG/JU
 Sample : N2063-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1-(10-10.5)RE

Quant Time: Mar 25 01:09:48 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

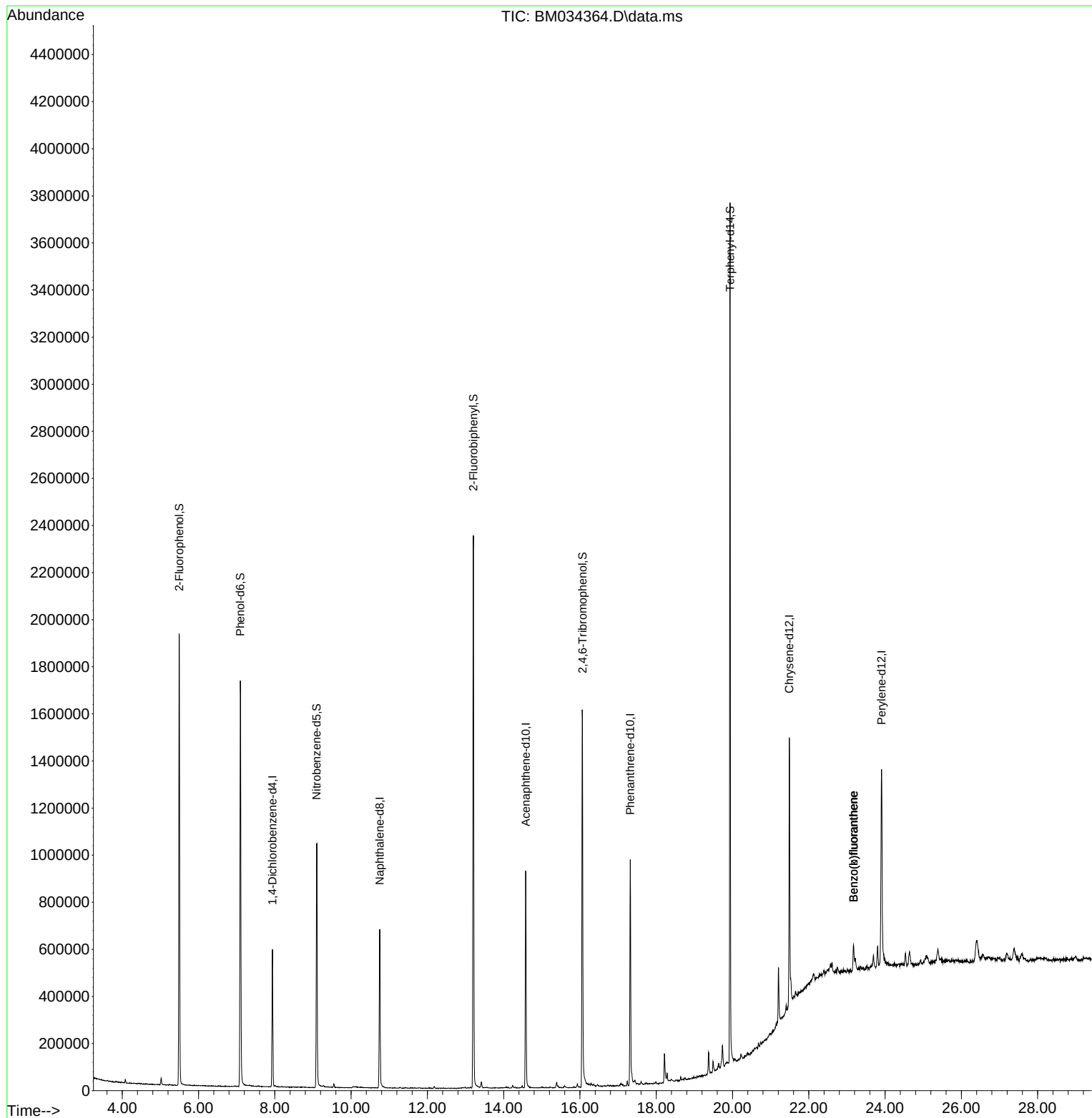
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	150422	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	554900	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	315349	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	607801	20.000	ng	0.00
76) Chrysene-d12	21.489	240	609541	20.000	ng	0.00
86) Perylene-d12	23.906	264	698151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	789389	94.144	ng	0.00
7) Phenol-d6	7.095	99	949128	79.059	ng	0.00
23) Nitrobenzene-d5	9.095	82	628719	55.164	ng	-0.01
42) 2,4,6-Tribromophenol	16.065	330	322392	75.848	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1224267	53.051	ng	0.00
79) Terphenyl-d14	19.936	244	1730719	49.337	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.177	252	100688	2.412	ng	# 94
89) Benzo(k)fluoranthene	23.177	252	100688	2.277	ng	# 94

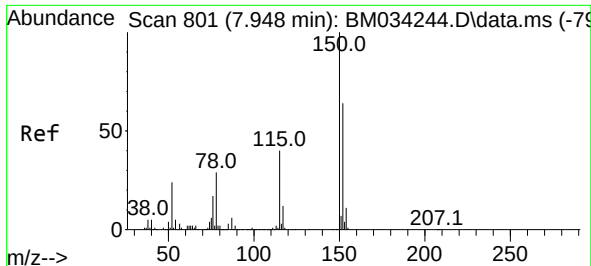
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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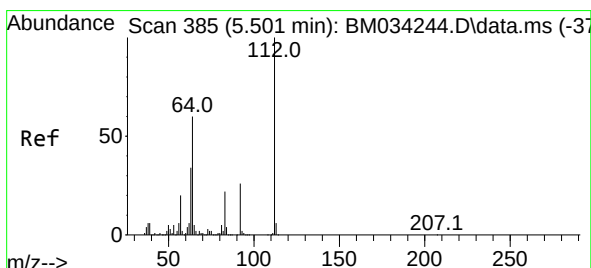
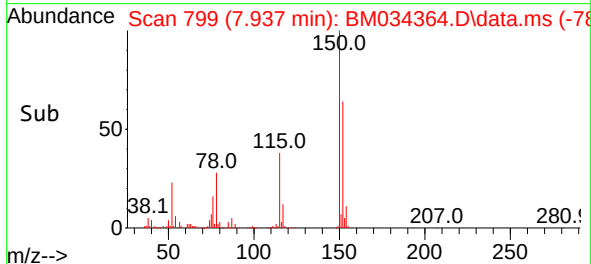
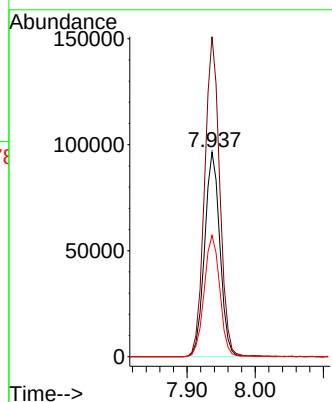
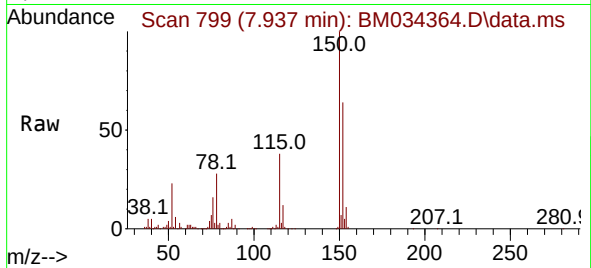




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.937 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BM034364.D
 Acq: 24 Mar 2022 16:14

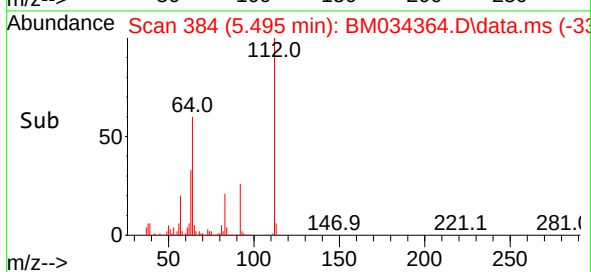
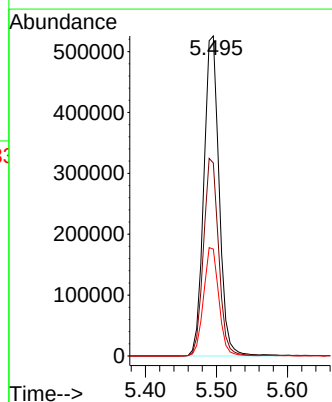
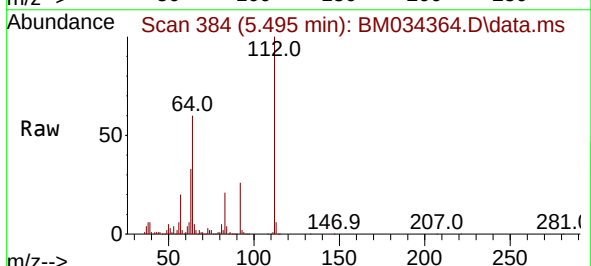
Instrument :
 BNA_M
 ClientSampleId :
 WC-1-(10-10.5)RE

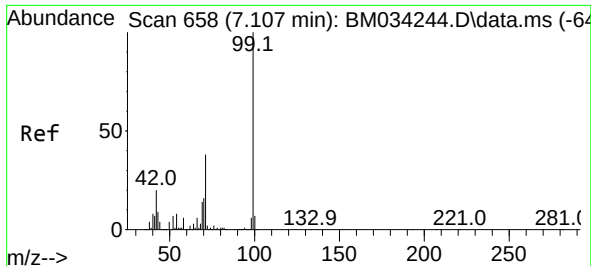
Tgt Ion:152 Resp: 150422
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.4 188.2
 115 59.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 94.144 ng
 RT: 5.495 min Scan# 384
 Delta R.T. 0.006 min
 Lab File: BM034364.D
 Acq: 24 Mar 2022 16:14

Tgt Ion:112 Resp: 789389
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 33.4 27.1 40.7

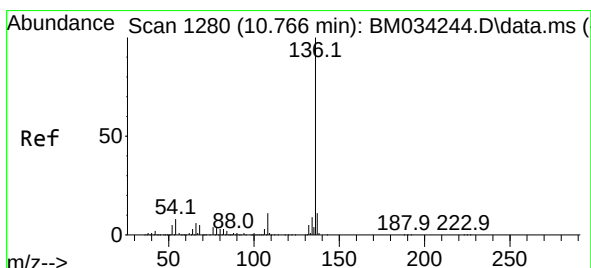
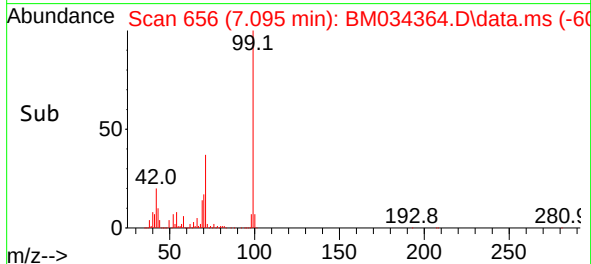
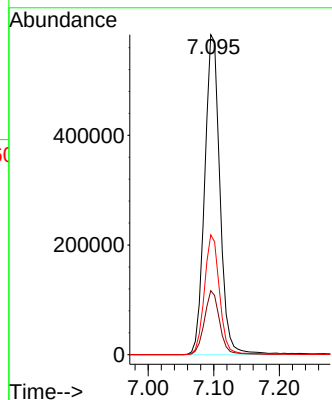
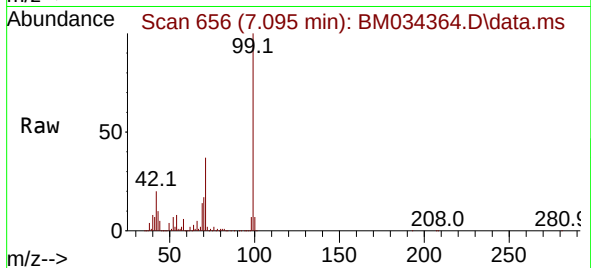




#7
Phenol-d6
Concen: 79.059 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034364.D
Acq: 24 Mar 2022 16:14

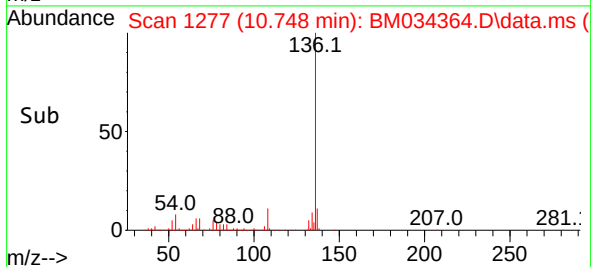
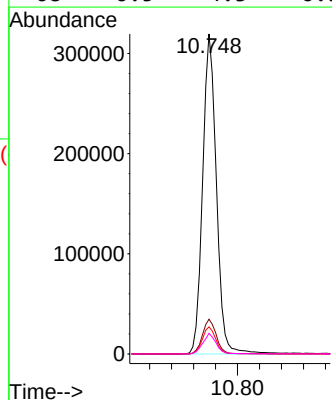
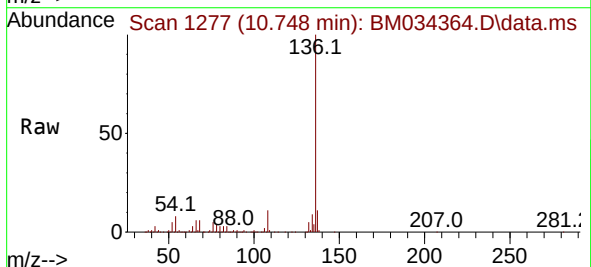
Instrument :
BNA_M
ClientSampleId :
WC-1-(10-10.5)RE

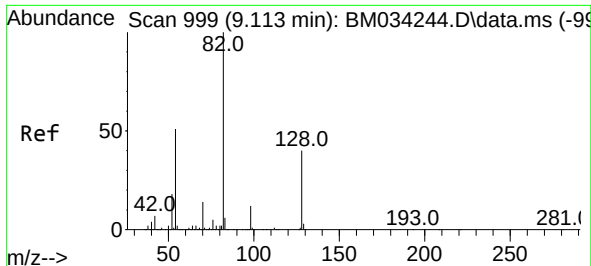
Tgt Ion: 99 Resp: 949128
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 37.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034364.D
Acq: 24 Mar 2022 16:14

Tgt Ion: 136 Resp: 554900
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.2 9.4
68 6.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 55.164 ng

RT: 9.095 min Scan# 999

Delta R.T. -0.012 min

Lab File: BM034364.D

Acq: 24 Mar 2022 16:14

Instrument :

BNA_M

ClientSampleId :

WC-1-(10-10.5)RE

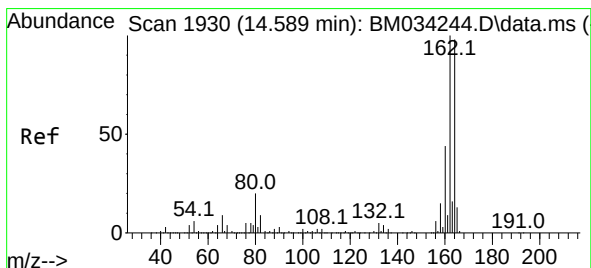
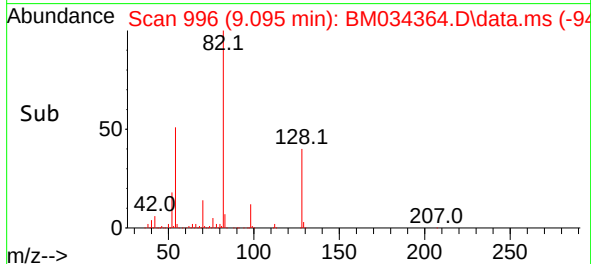
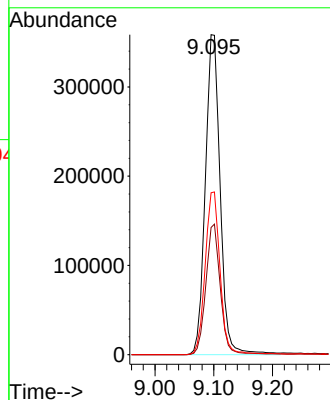
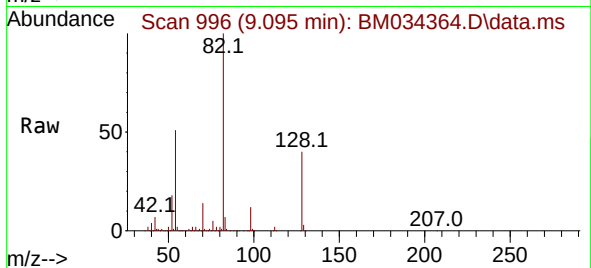
Tgt Ion: 82 Resp: 628719

Ion Ratio Lower Upper

82 100

128 39.8 31.9 47.9

54 50.6 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: BM034364.D

Acq: 24 Mar 2022 16:14

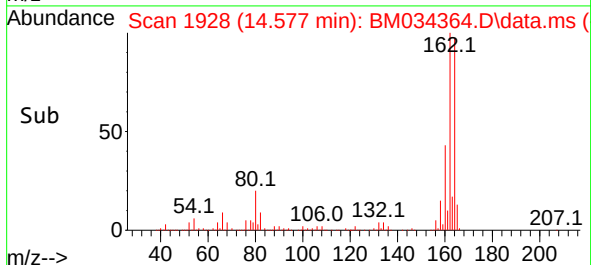
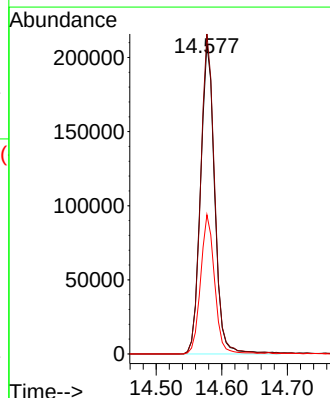
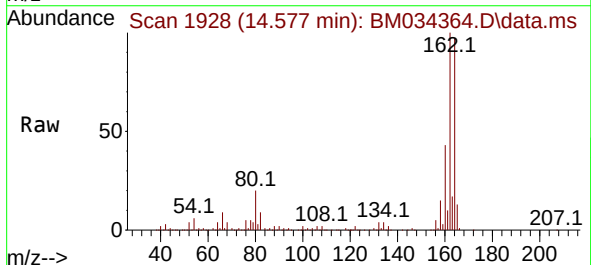
Tgt Ion: 164 Resp: 315349

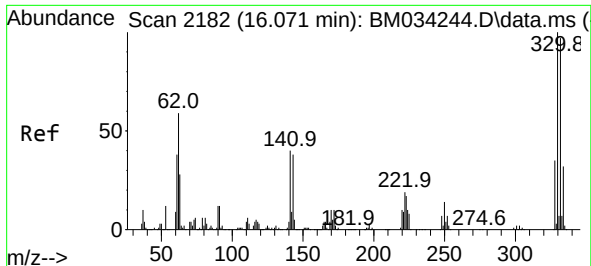
Ion Ratio Lower Upper

164 100

162 103.1 81.6 122.4

160 44.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 75.848 ng

RT: 16.065 min Scan# 2181

Delta R.T. -0.000 min

Lab File: BM034364.D

Acq: 24 Mar 2022 16:14

Instrument :

BNA_M

ClientSampleId :

WC-1-(10-10.5)RE

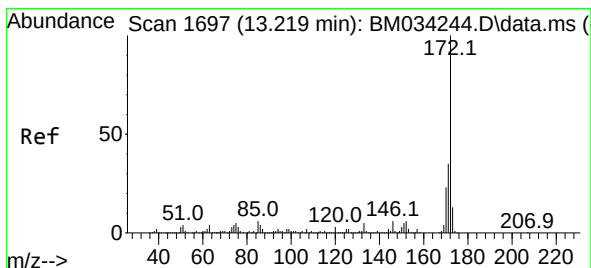
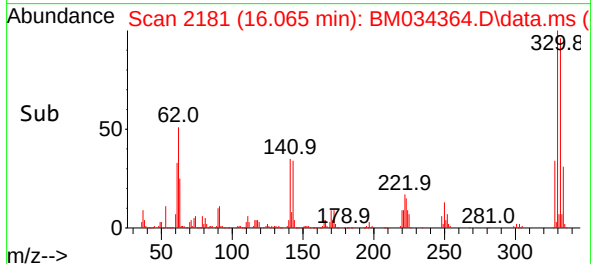
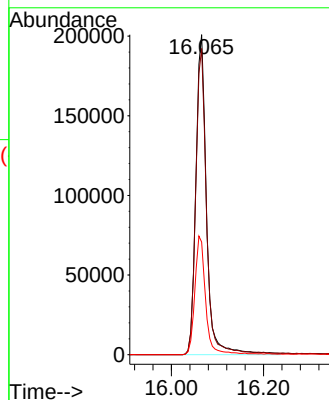
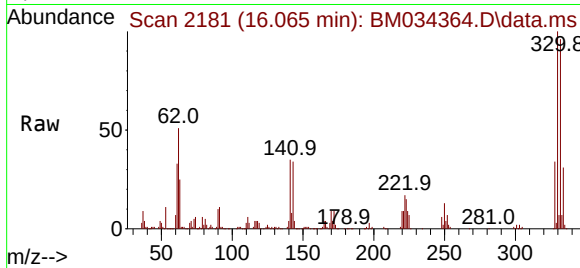
Tgt Ion:330 Resp: 322392

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.4

141 37.6 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 53.051 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM034364.D

Acq: 24 Mar 2022 16:14

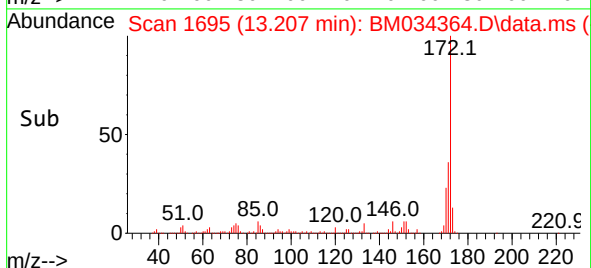
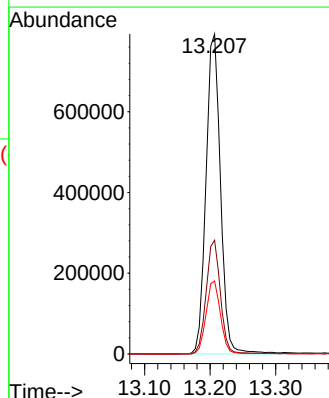
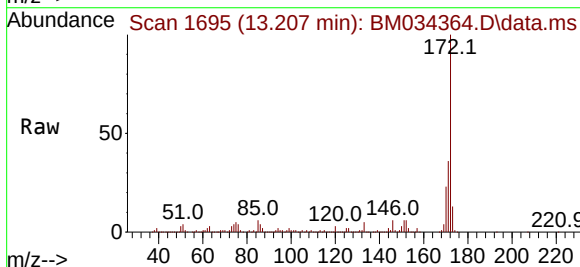
Tgt Ion:172 Resp: 1224267

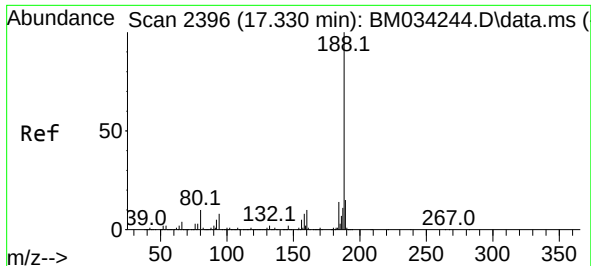
Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 22.8 18.6 28.0

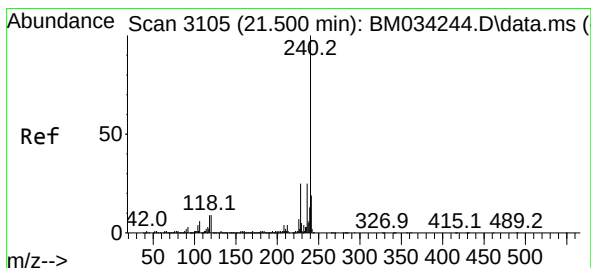
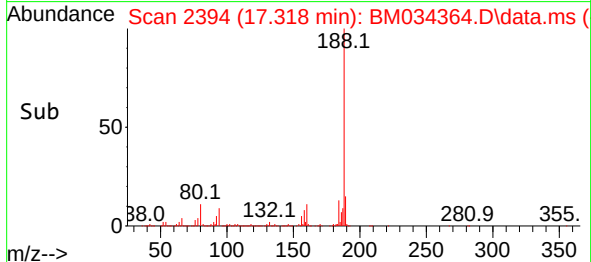
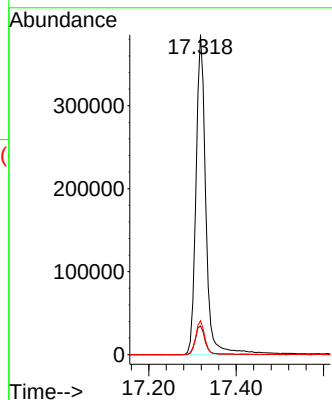
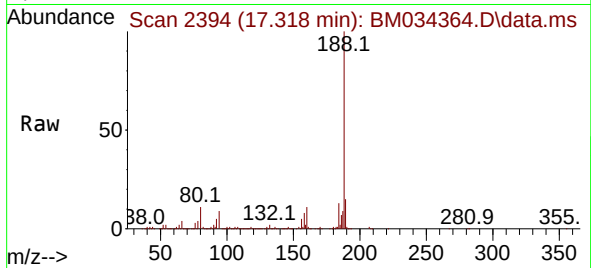




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034364.D
Acq: 24 Mar 2022 16:14

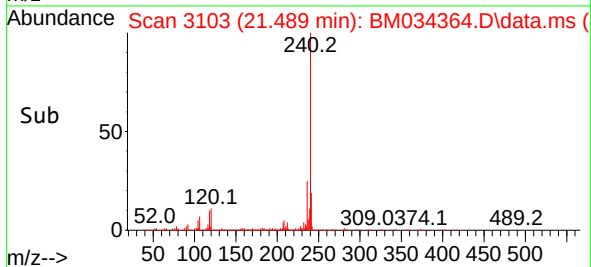
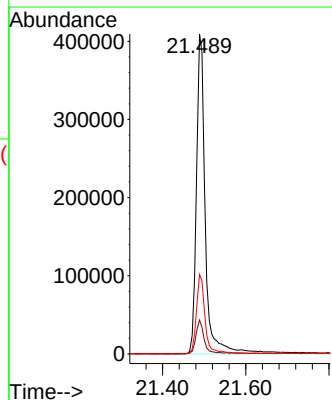
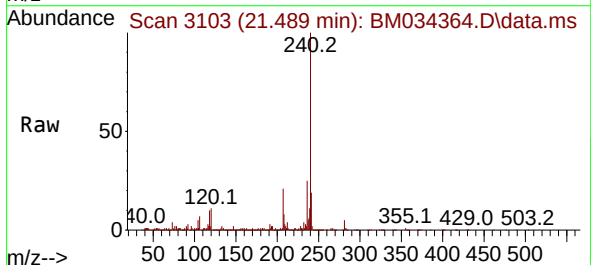
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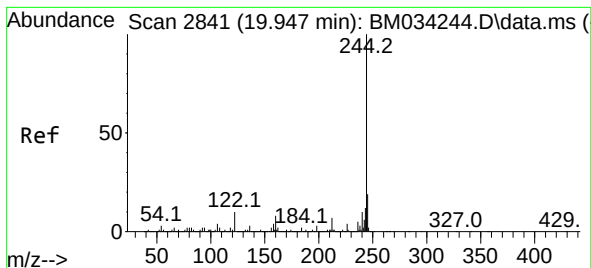
Tgt Ion:188 Resp: 607801
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM034364.D
Acq: 24 Mar 2022 16:14

Tgt Ion:240 Resp: 609541
Ion Ratio Lower Upper
240 100
120 10.6 7.3 10.9
236 24.9 20.2 30.2





#79

Terphenyl-d14

Concen: 49.337 ng

RT: 19.936 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM034364.D

Acq: 24 Mar 2022 16:14

Instrument :

BNA_M

ClientSampleId :

WC-1-(10-10.5)RE

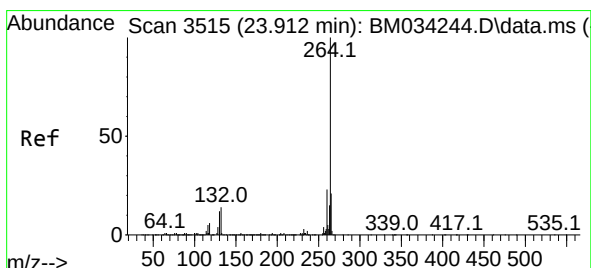
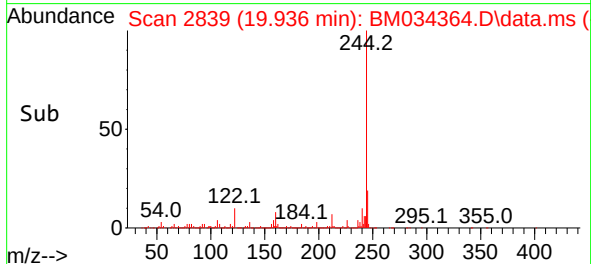
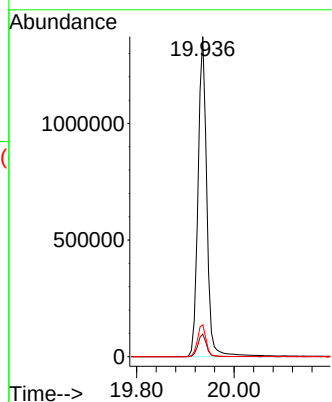
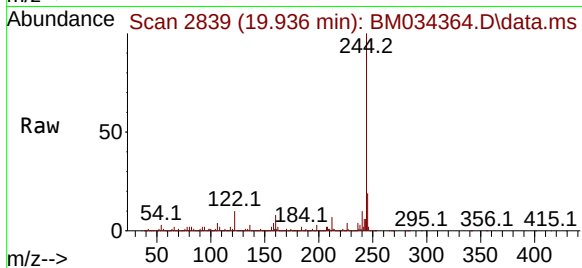
Tgt Ion:244 Resp: 1730719

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.9 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.906 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BM034364.D

Acq: 24 Mar 2022 16:14

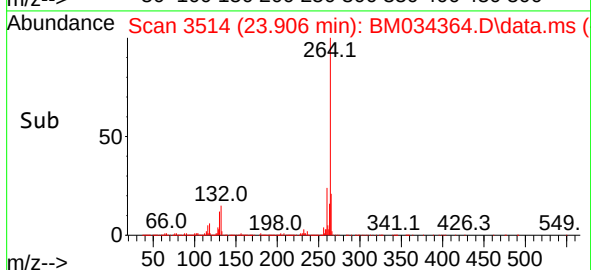
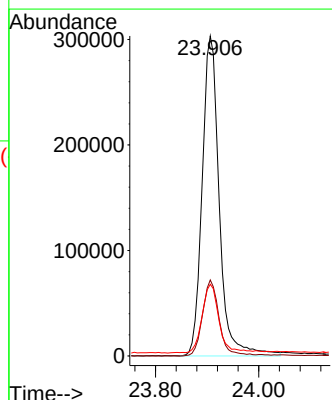
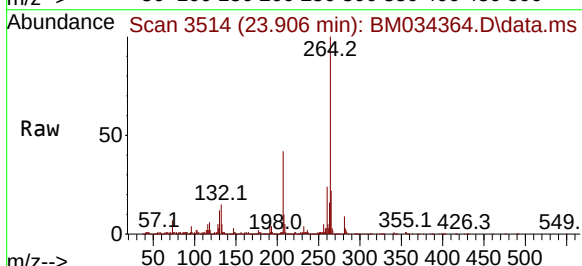
Tgt Ion:264 Resp: 698151

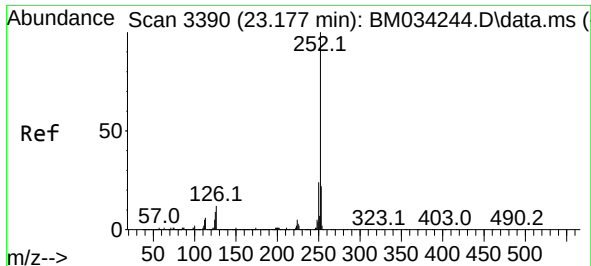
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.4 17.6 26.4

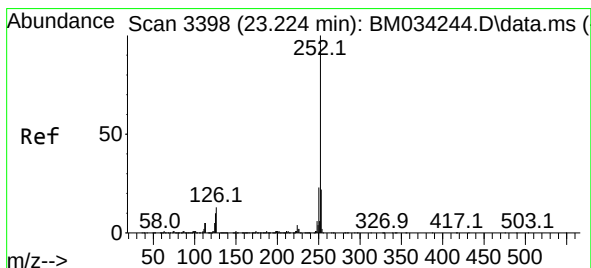
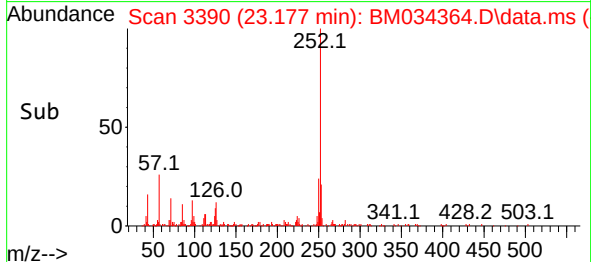
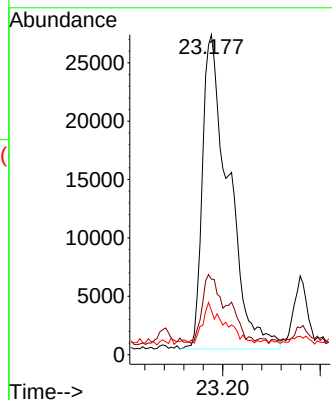
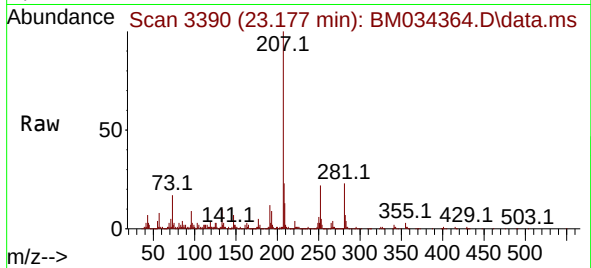




#88
Benzo(b)fluoranthene
Concen: 2.412 ng
RT: 23.177 min Scan# 3390
Delta R.T. 0.006 min
Lab File: BM034364.D
Acq: 24 Mar 2022 16:14

Instrument :
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Tgt Ion:252 Resp: 100688
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 13.9 7.2 10.8#



#89
Benzo(k)fluoranthene
Concen: 2.277 ng
RT: 23.177 min Scan# 3390
Delta R.T. -0.047 min
Lab File: BM034364.D
Acq: 24 Mar 2022 16:14

Tgt Ion:252 Resp: 100688
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 13.9 7.5 11.3#

