

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035393.D
 Acq On : 03 Jun 2022 13:51
 Operator : CG/JU
 Sample : N2987-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P034-SS001-0612-01

Quant Time: Jun 04 00:45:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	151046	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	563761	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	371143	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	821774	20.000	ng	-0.01
76) Chrysene-d12	21.415	240	887341	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	967800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	673184	93.652	ng	0.00
7) Phenol-d6	7.028	99	825070	84.030	ng	-0.01
23) Nitrobenzene-d5	9.010	82	533538	60.092	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	459346	77.138	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1558274	60.303	ng	-0.01
79) Terphenyl-d14	19.862	244	2712323	60.897	ng	0.00

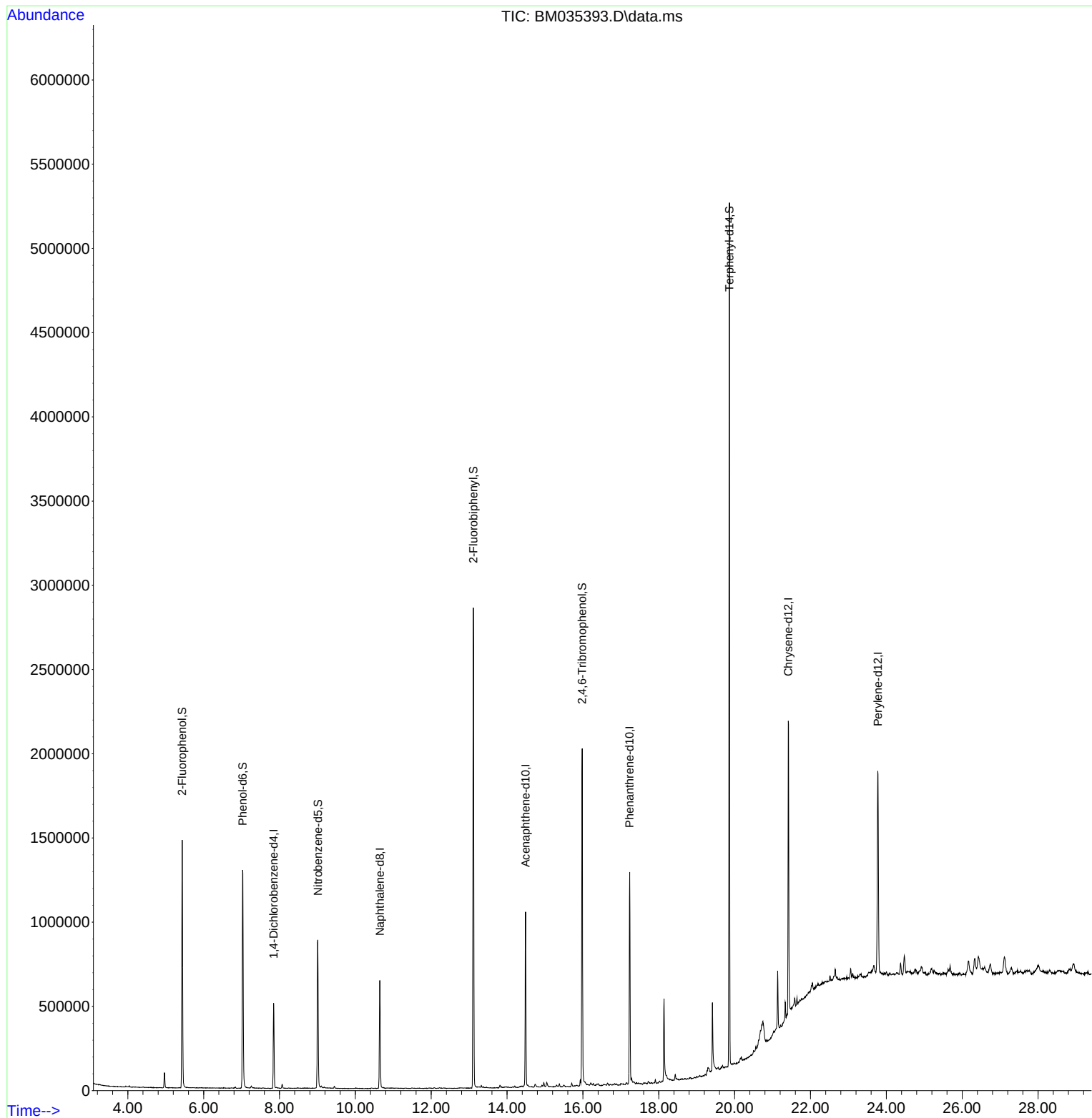
Target Compounds	Qvalue

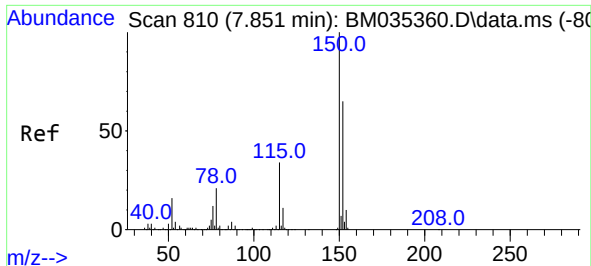
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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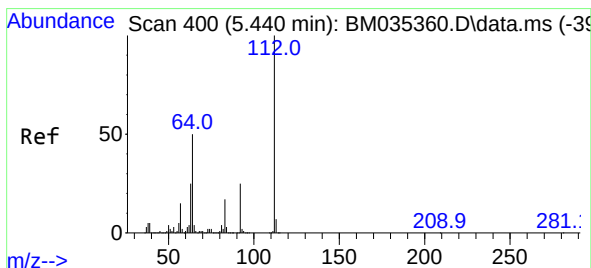
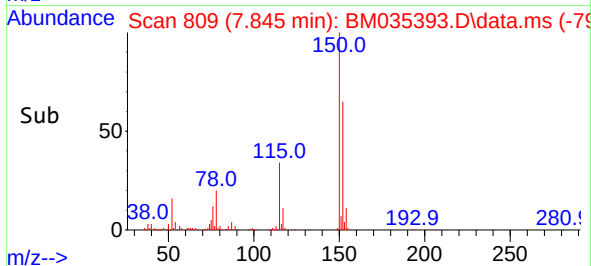
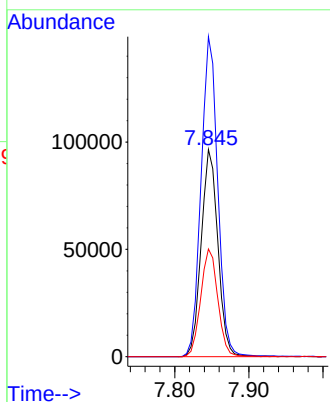
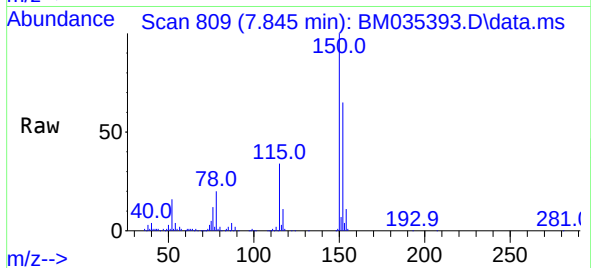




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM035393.D
Acq: 03 Jun 2022 13:51

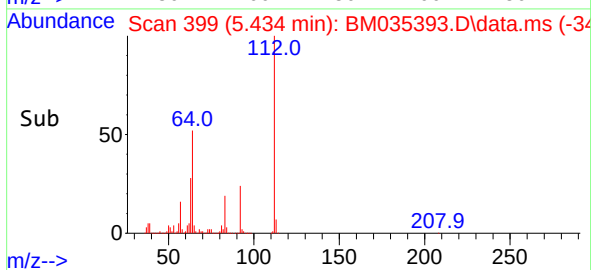
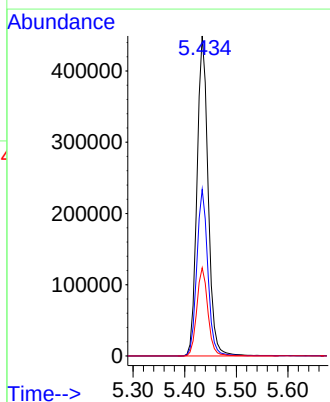
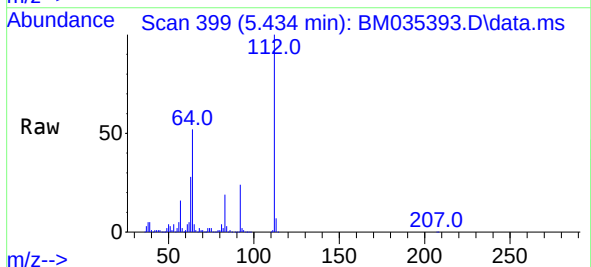
Instrument :
BNA_M
ClientSampleId :
P034-SS001-0612-01

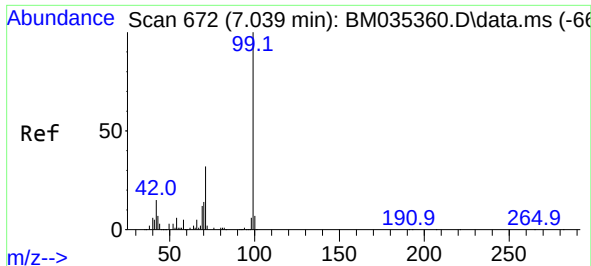
Tgt Ion:152 Resp: 151046
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 52.0 47.9 71.9



#5
2-Fluorophenol
Concen: 93.652 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM035393.D
Acq: 03 Jun 2022 13:51

Tgt Ion:112 Resp: 673184
Ion Ratio Lower Upper
112 100
64 52.1 47.8 71.6
63 27.5 26.6 40.0

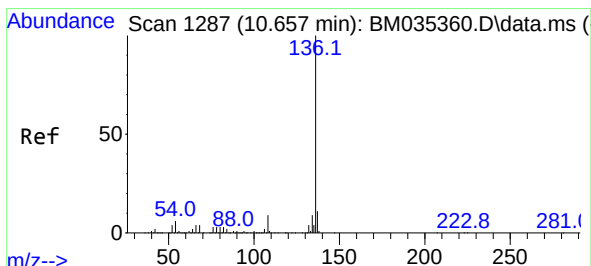
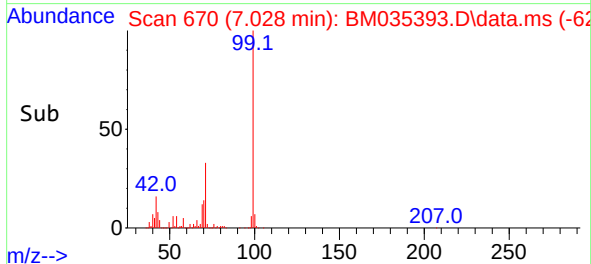
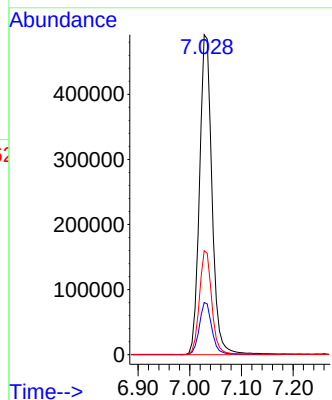
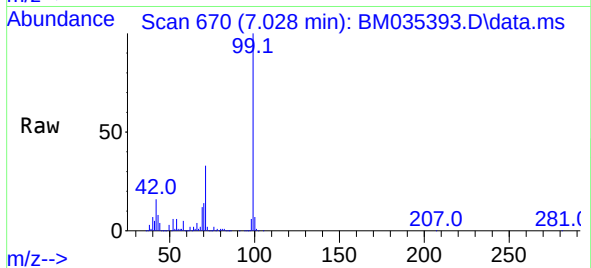




#7
Phenol-d6
Concen: 84.030 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM035393.D
Acq: 03 Jun 2022 13:51

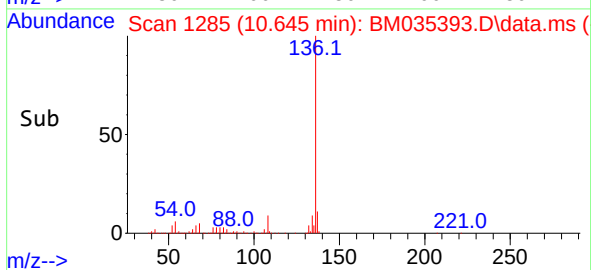
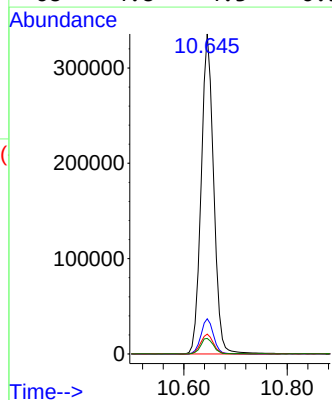
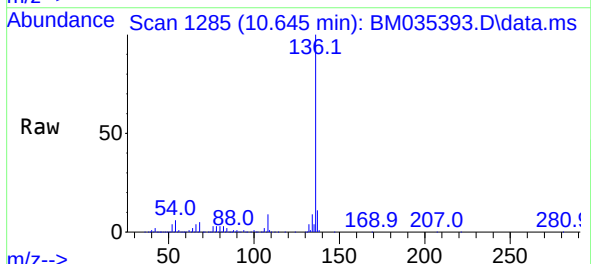
Instrument :
BNA_M
ClientSampleId :
P034-SS001-0612-01

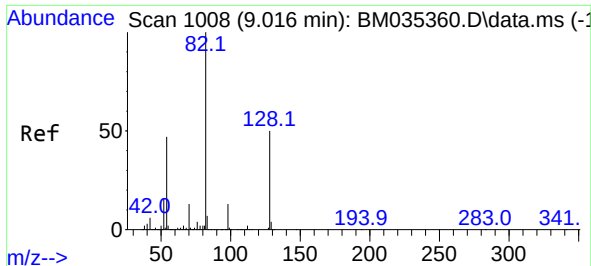
Tgt Ion: 99 Resp: 825070
Ion Ratio Lower Upper
99 100
42 16.3 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035393.D
Acq: 03 Jun 2022 13:51

Tgt Ion: 136 Resp: 563761
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.2 7.0 10.4#
68 4.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 60.092 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM035393.D

Acq: 03 Jun 2022 13:51

Instrument :

BNA_M

ClientSampleId :

P034-SS001-0612-01

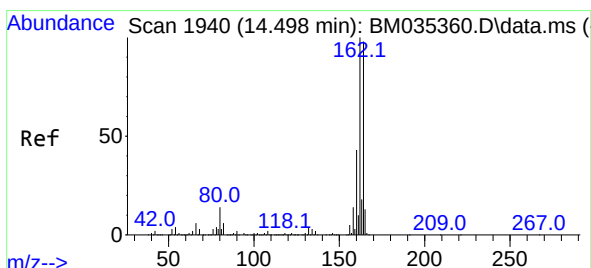
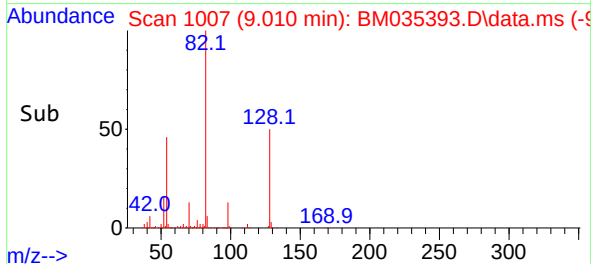
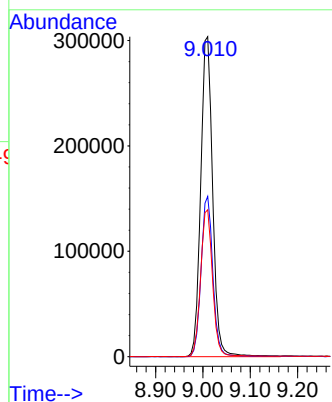
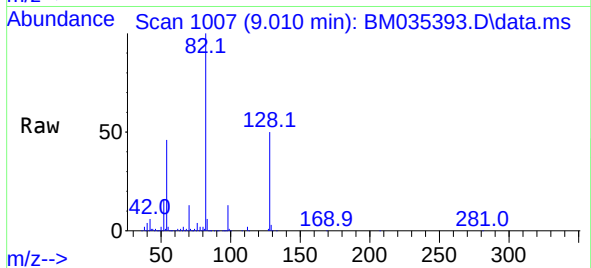
Tgt Ion: 82 Resp: 533538

Ion Ratio Lower Upper

82 100

128 50.1 33.7 50.5

54 45.9 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1938

Delta R.T. -0.012 min

Lab File: BM035393.D

Acq: 03 Jun 2022 13:51

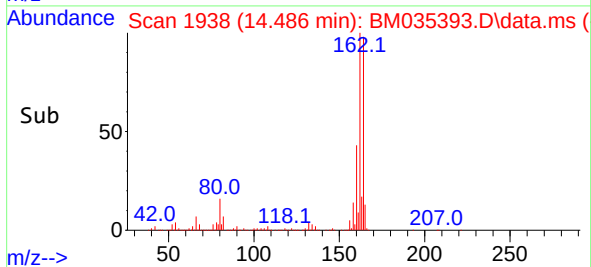
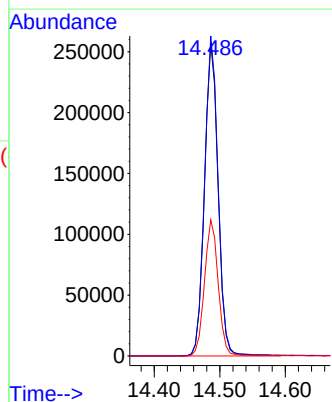
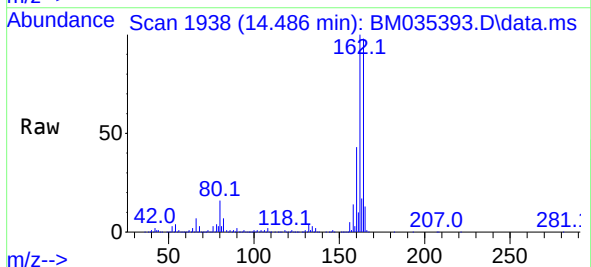
Tgt Ion: 164 Resp: 371143

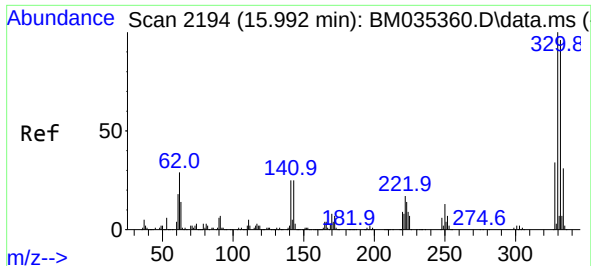
Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.6

160 43.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 77.138 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035393.D

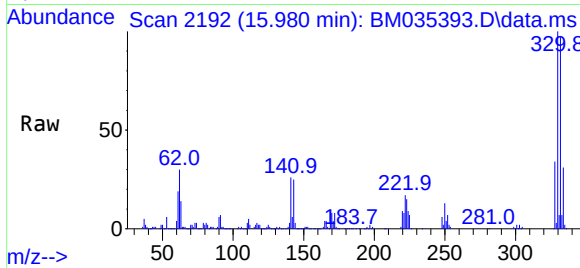
Acq: 03 Jun 2022 13:51

Instrument :

BNA_M

ClientSampleId :

P034-SS001-0612-01



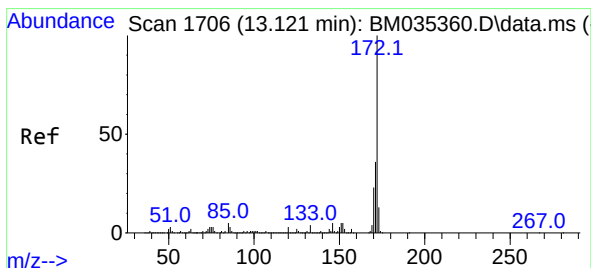
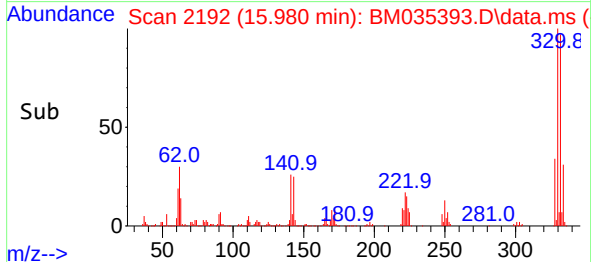
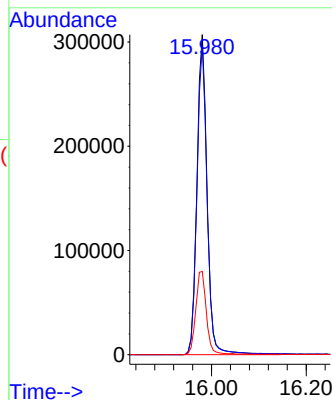
Tgt Ion:330 Resp: 459346

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 27.4 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 60.303 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.012 min

Lab File: BM035393.D

Acq: 03 Jun 2022 13:51

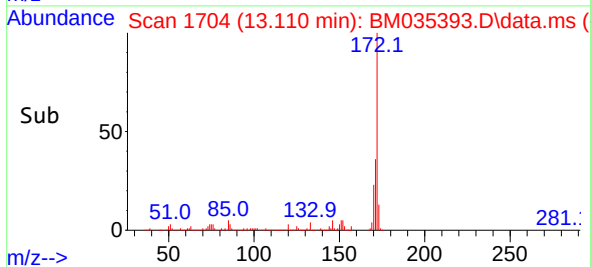
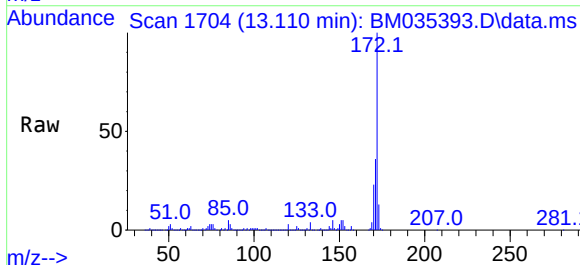
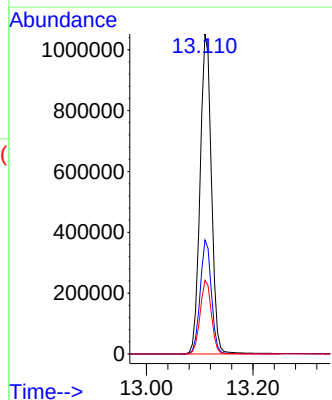
Tgt Ion:172 Resp: 1558274

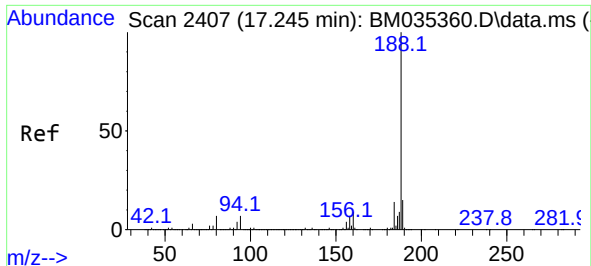
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.0 18.7 28.1

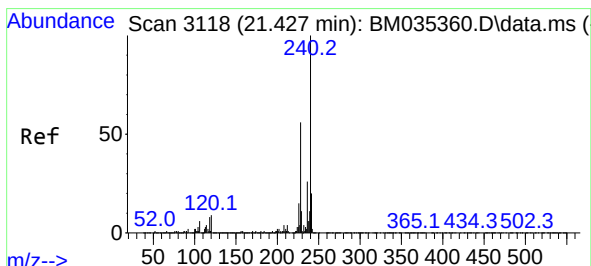
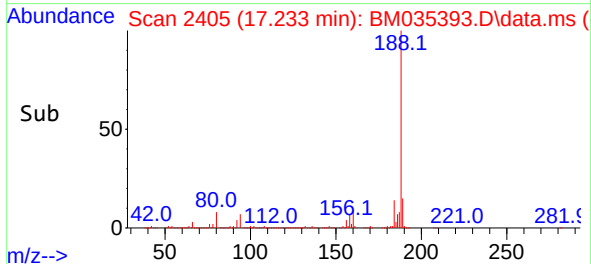
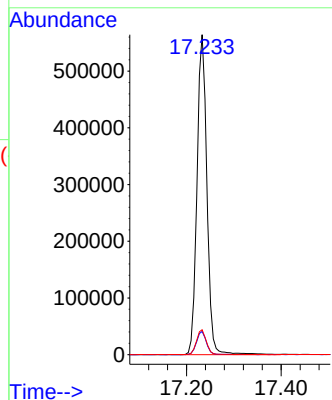
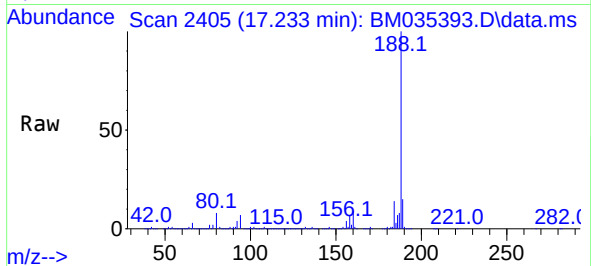




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BM035393.D
Acq: 03 Jun 2022 13:51

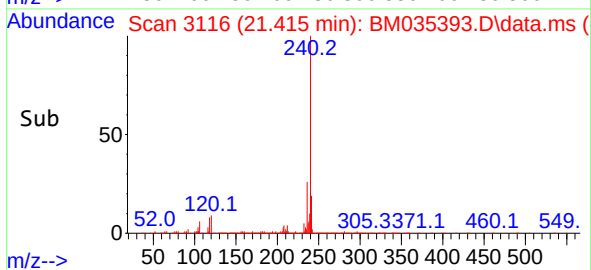
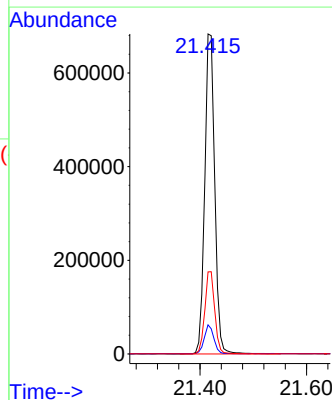
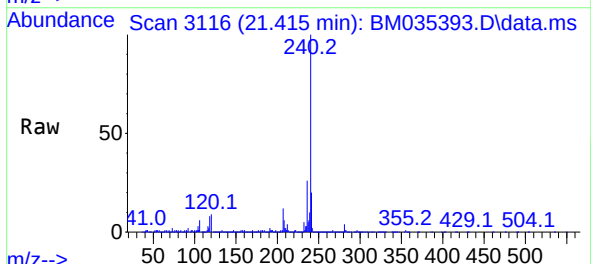
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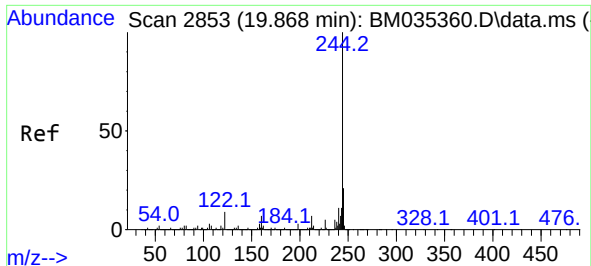
Tgt Ion:188 Resp: 821774
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM035393.D
Acq: 03 Jun 2022 13:51

Tgt Ion:240 Resp: 887341
Ion Ratio Lower Upper
240 100
120 9.1 9.4 14.0#
236 25.7 20.6 30.8

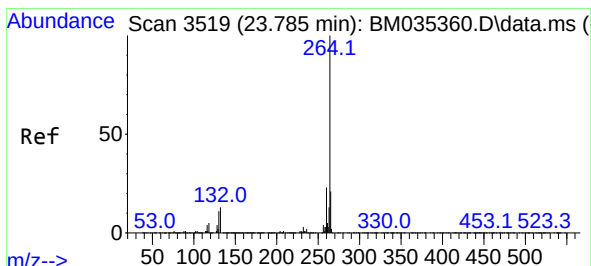
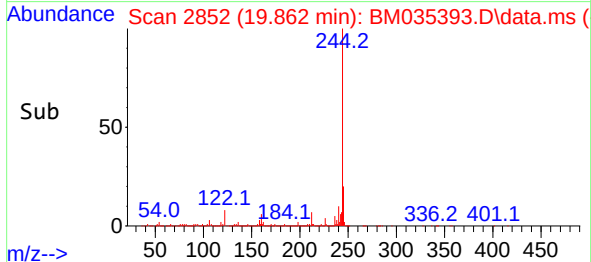
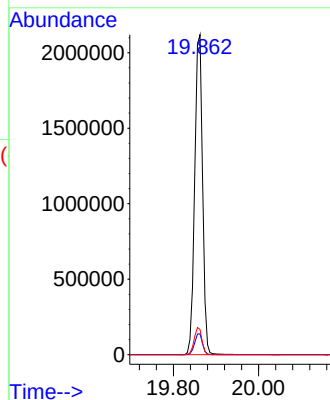
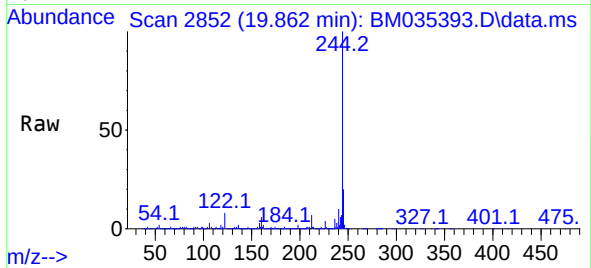




#79
 Terphenyl-d14
 Concen: 60.897 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035393.D
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Instrument :
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Tgt Ion:244 Resp: 2712323
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.2 9.4
 122 7.8 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM035393.D
 Acq: 03 Jun 2022 13:51

Tgt Ion:264 Resp: 967800
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 22.6 17.5 26.3

