

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035396.D
 Acq On : 03 Jun 2022 15:42
 Operator : CG/JU
 Sample : N2987-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P033-SS001-0006-01

Quant Time: Jun 04 00:45:37 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)

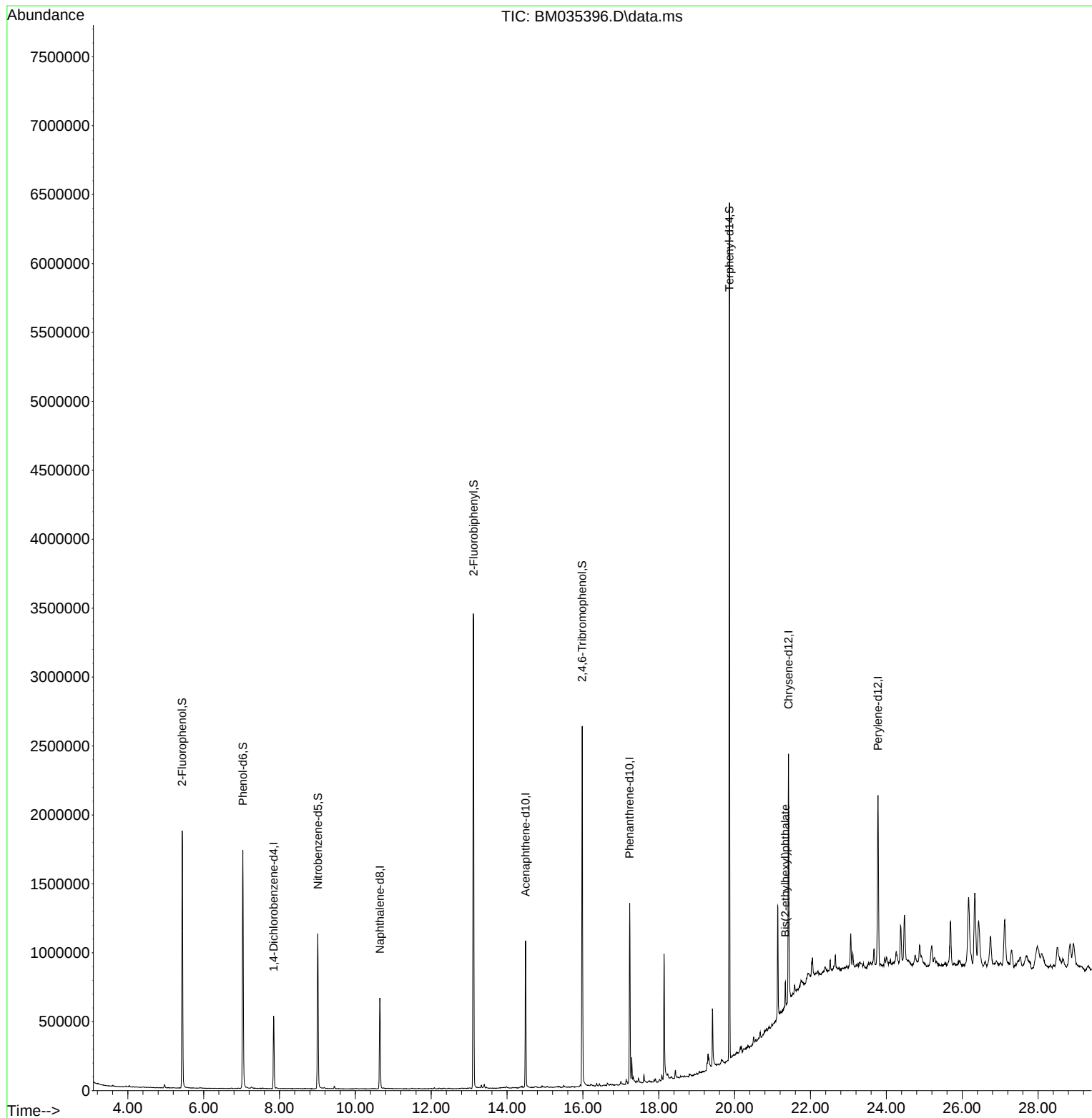
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	163702	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	595124	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	379449	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	819777	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	860553	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	948957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	883356	113.390	ng	0.00
7) Phenol-d6	7.034	99	1071500	100.691	ng	0.00
23) Nitrobenzene-d5	9.010	82	658504	70.259	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	576219	94.646	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1944412	73.599	ng	0.00
79) Terphenyl-d14	19.862	244	3134376	72.564	ng	0.00
Target Compounds						
9) Benzaldehyde	6.987	77	390	Below Cal	#	20
84) Bis(2-ethylhexyl)phtha...	21.339	149	75056	2.248 ng	#	93

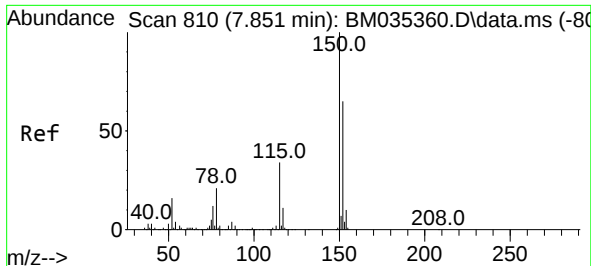
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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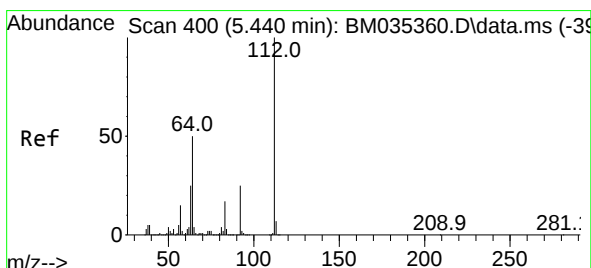
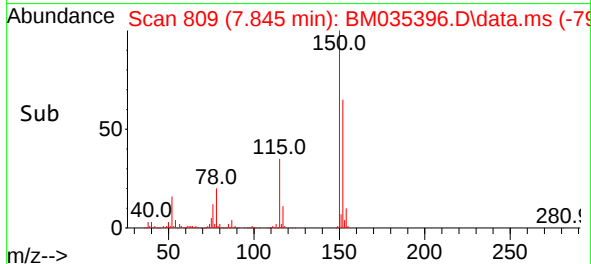
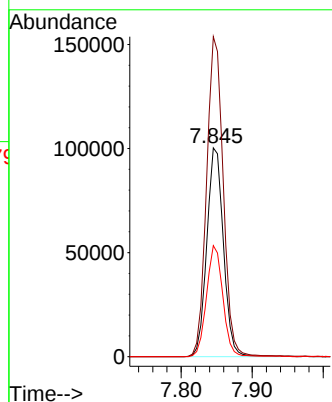
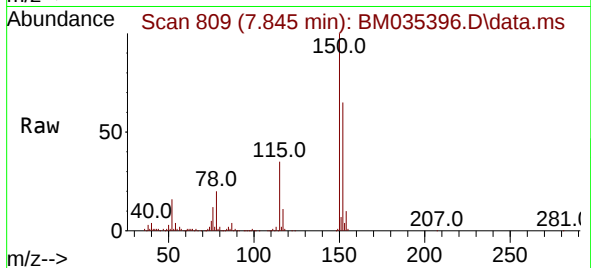




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

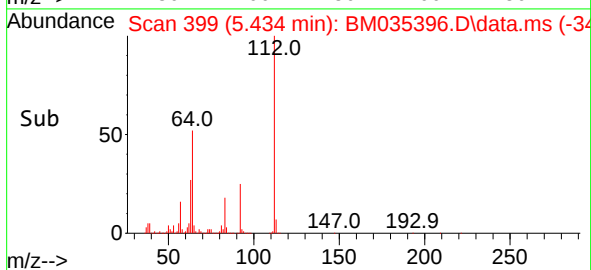
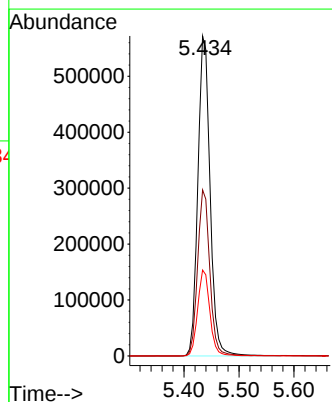
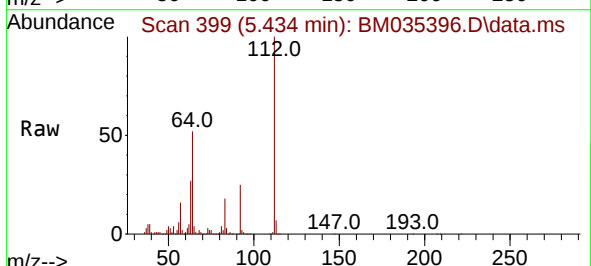
Instrument :
BNA_M
ClientSampleId :
P033-SS001-0006-01

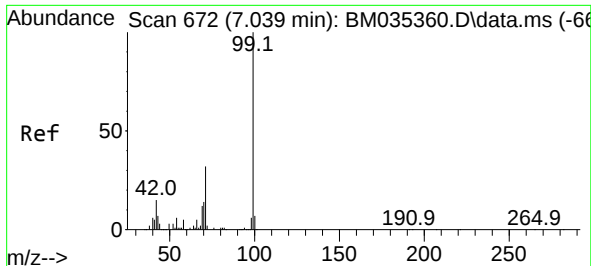
Tgt Ion:152 Resp: 163702
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 53.2 47.9 71.9



#5
2-Fluorophenol
Concen: 113.390 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

Tgt Ion:112 Resp: 883356
Ion Ratio Lower Upper
112 100
64 51.9 47.8 71.6
63 26.9 26.6 40.0

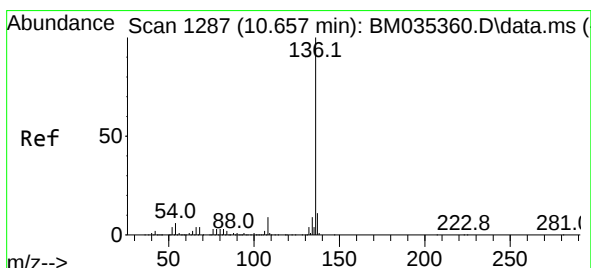
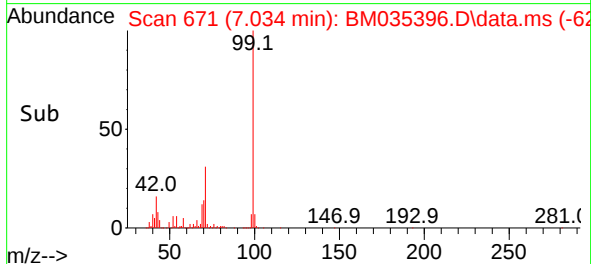
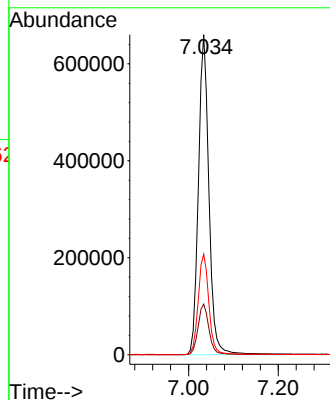
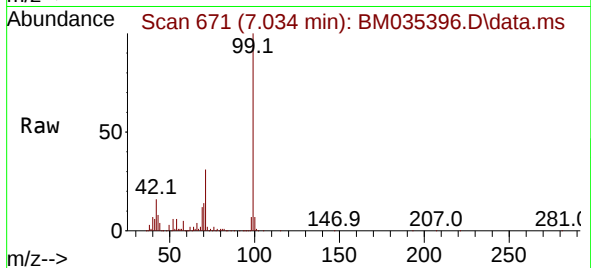




#7
Phenol-d6
Concen: 100.691 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

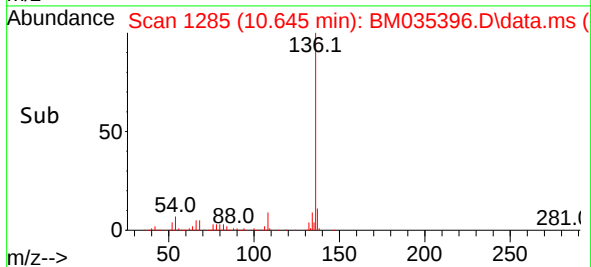
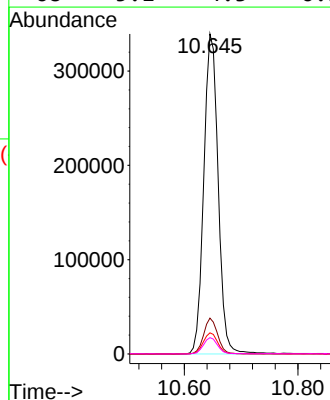
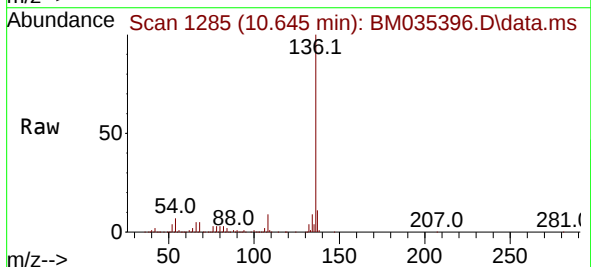
Instrument :
BNA_M
ClientSampleId :
P033-SS001-0006-01

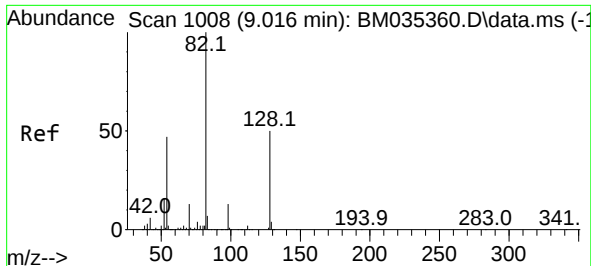
Tgt Ion: 99 Resp: 1071500
Ion Ratio Lower Upper
99 100
42 15.8 18.8 28.2#
71 31.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

Tgt Ion: 136 Resp: 595124
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.6 7.0 10.4#
68 5.1 4.3 6.5

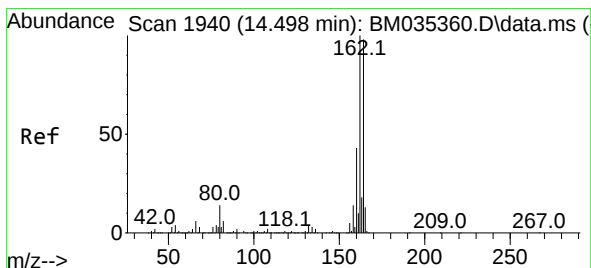
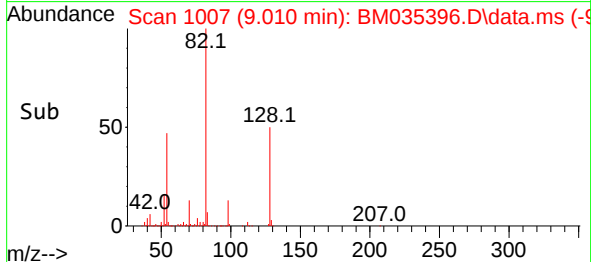
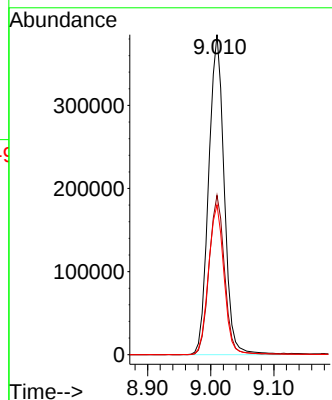
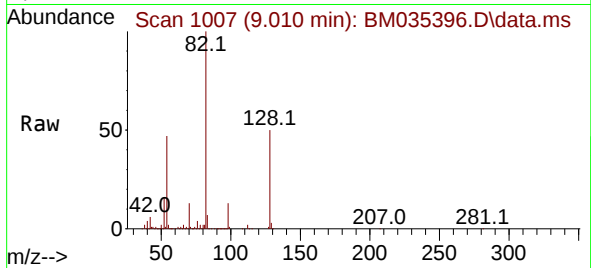




#23
Nitrobenzene-d5
Concen: 70.259 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

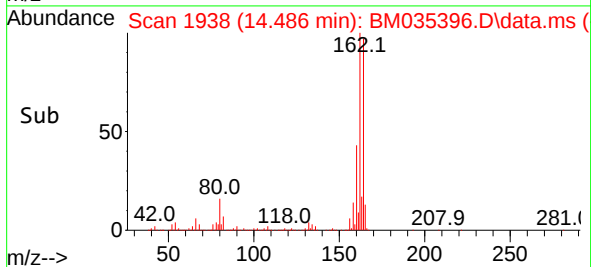
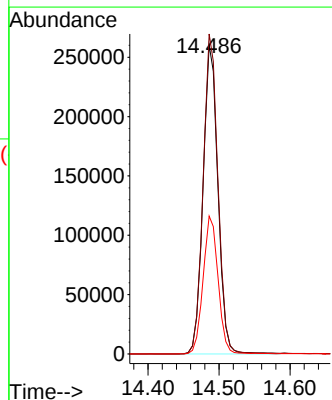
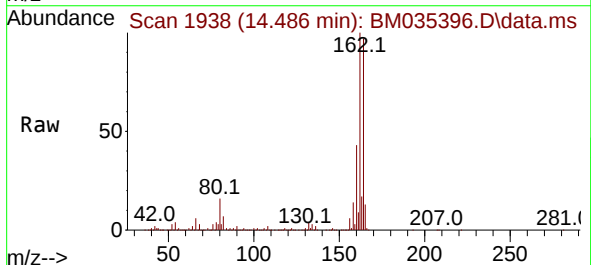
Instrument :
BNA_M
ClientSampleId :
P033-SS001-0006-01

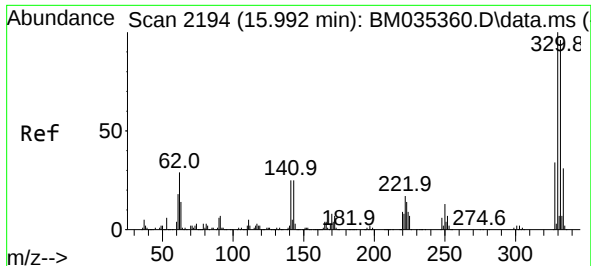
Tgt Ion: 82 Resp: 658504
Ion Ratio Lower Upper
82 100
128 49.8 33.7 50.5
54 46.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

Tgt Ion: 164 Resp: 379449
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 44.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 94.646 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035396.D

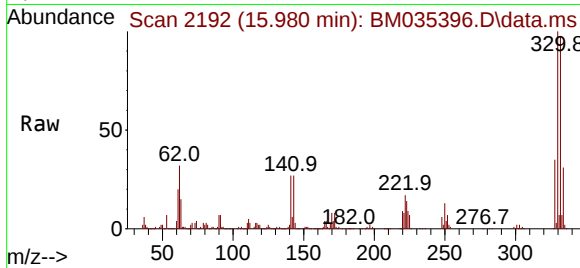
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Instrument :

BNA_M

ClientSampleId :

P033-SS001-0006-01



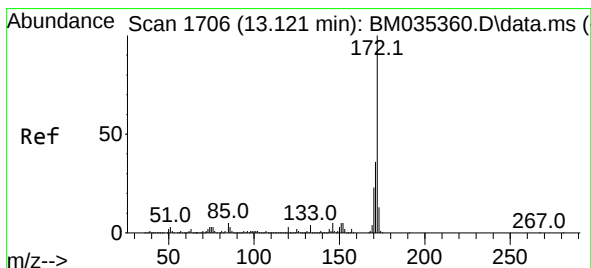
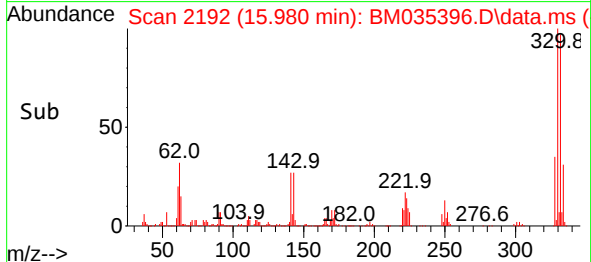
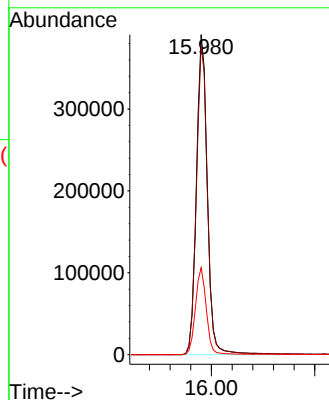
Tgt Ion:330 Resp: 576219

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 27.1 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 73.599 ng

RT: 13.116 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BM035396.D

Acq: 03 Jun 2022 15:42

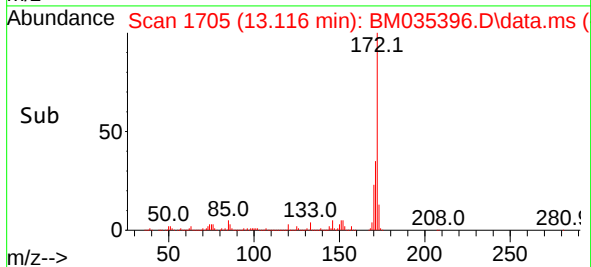
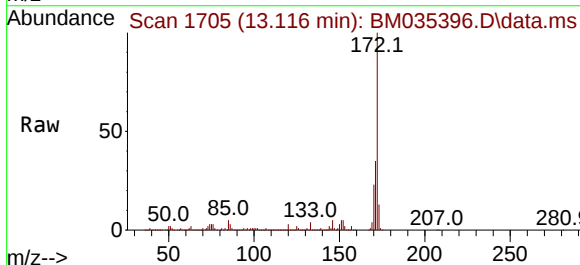
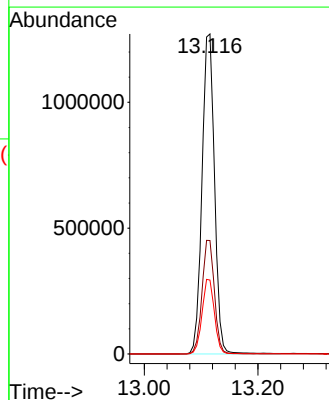
Tgt Ion:172 Resp: 1944412

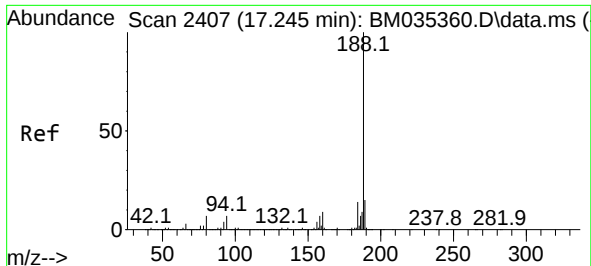
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.1 18.7 28.1

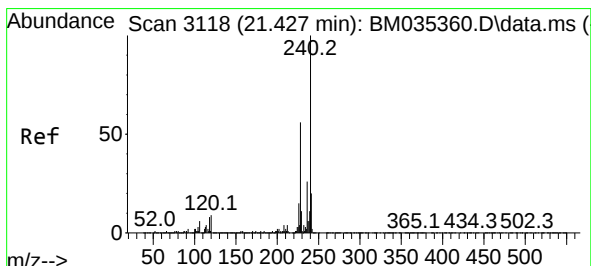
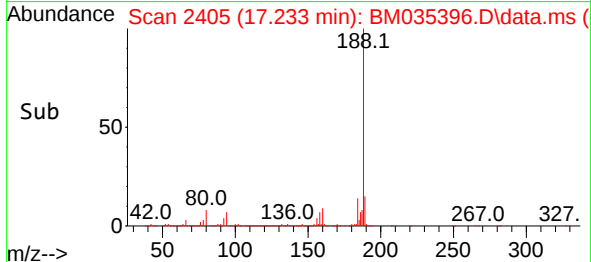
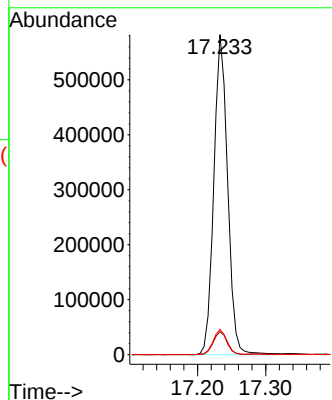
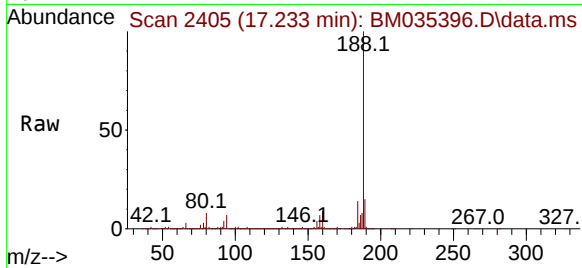




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

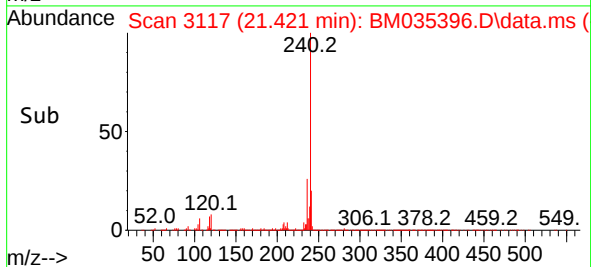
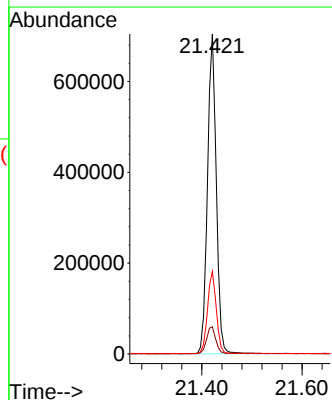
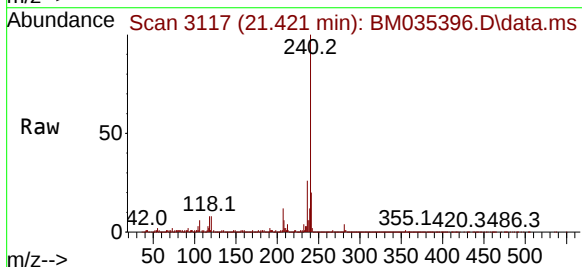
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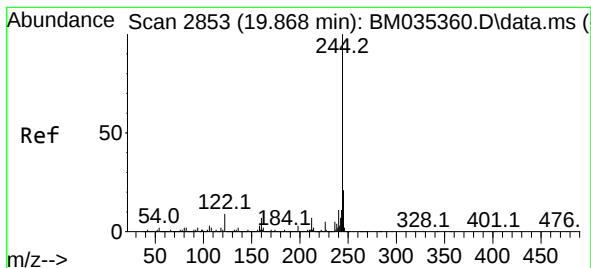
Tgt Ion:188 Resp: 819777
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035396.D
Acq: 03 Jun 2022 15:42

Tgt Ion:240 Resp: 860553
Ion Ratio Lower Upper
240 100
120 8.5 9.4 14.0#
236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 72.564 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035396.D

Acq: 03 Jun 2022 15:42

Instrument :

BNA_M

ClientSampleId :

P033-SS001-0006-01

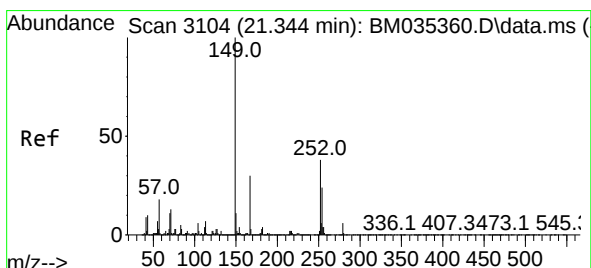
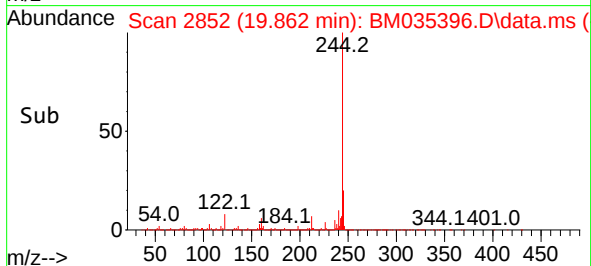
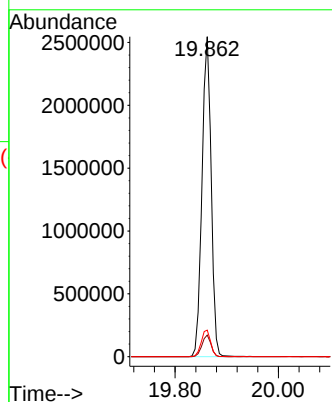
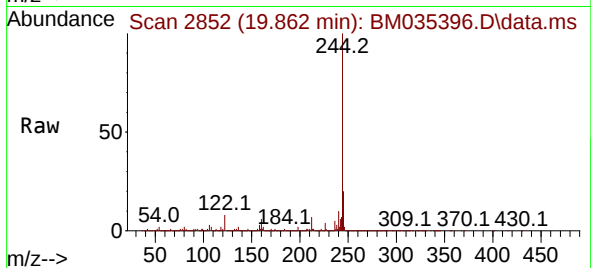
Tgt Ion:244 Resp: 3134376

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.4

122 8.3 8.3 12.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.248 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM035396.D

Acq: 03 Jun 2022 15:42

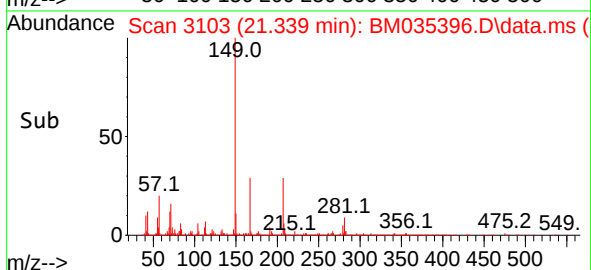
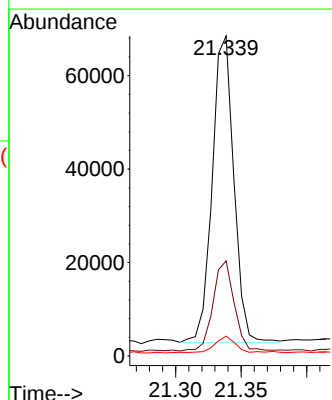
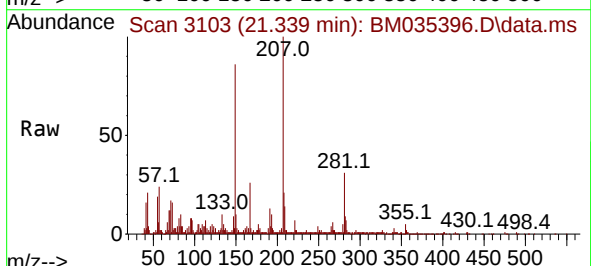
Tgt Ion:149 Resp: 75056

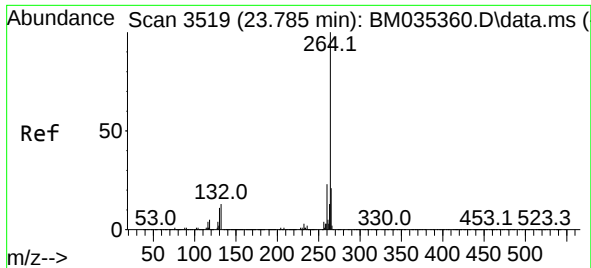
Ion Ratio Lower Upper

149 100

167 29.7 21.1 31.7

279 6.2 2.8 4.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM035396.D
 Acq: 03 Jun 2022 15:42

Instrument :
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Tgt Ion:264 Resp: 948957
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.3 17.5 26.3

