

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035402.D
 Acq On : 03 Jun 2022 19:24
 Operator : CG/JU
 Sample : N3069-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DISP-2-D

Quant Time: Jun 04 00:46:28 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)

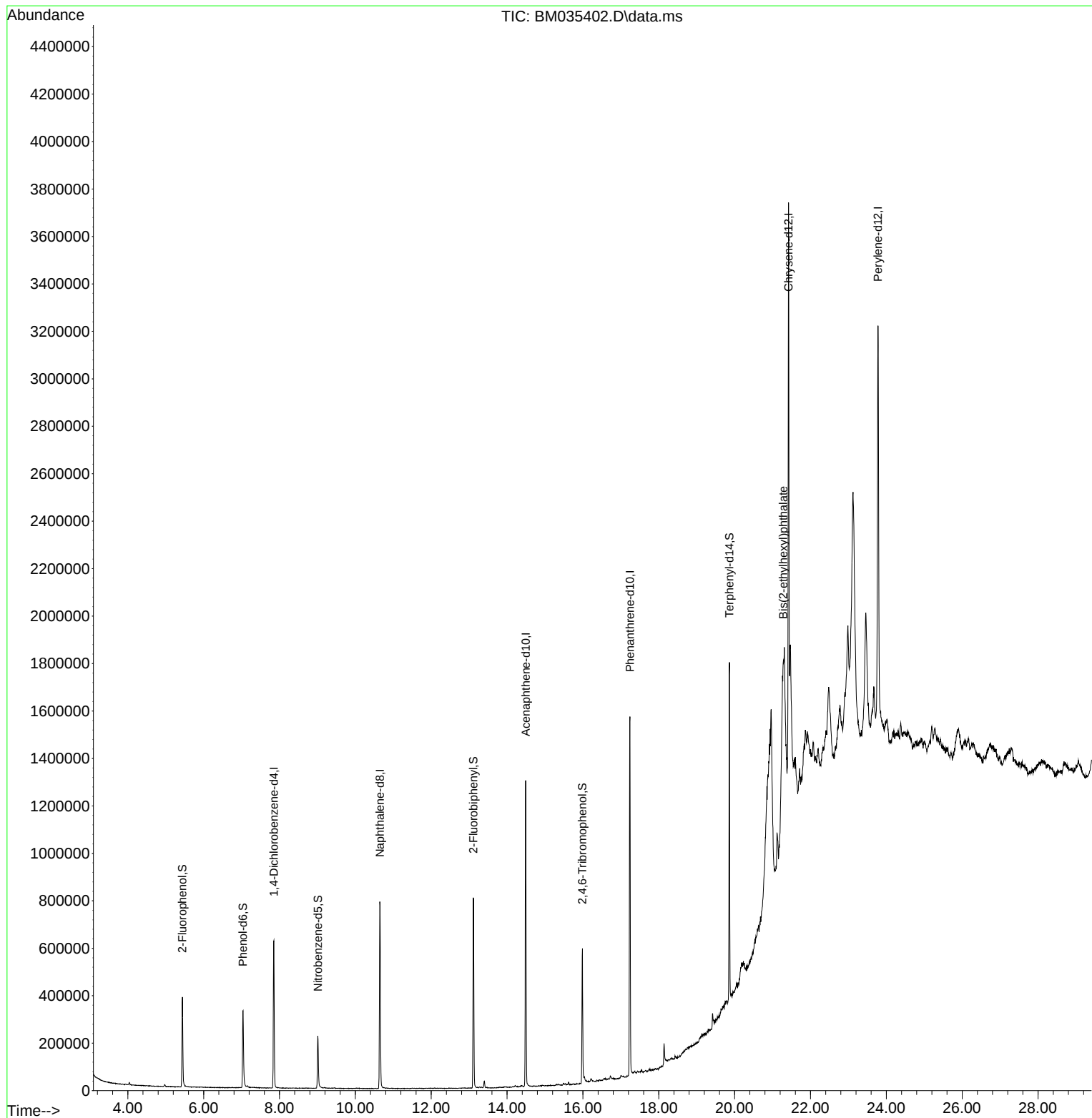
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	200276	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	737028	20.000	ng	#-0.01
39) Acenaphthene-d10	14.492	164	475615	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1020650	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	1113985	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1238534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	197541	20.726	ng	0.00
7) Phenol-d6	7.034	99	248164	19.062	ng	0.00
23) Nitrobenzene-d5	9.010	82	144023	12.408	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	136301	17.861	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	468438	14.146	ng	-0.01
79) Terphenyl-d14	19.863	244	758381	13.563	ng	0.00
Target Compounds						
9) Benzaldehyde	7.010	77	323	Below Cal	#	3
84) Bis(2-ethylhexyl)phtha...	21.280	149	187333	4.334	ng	# 67

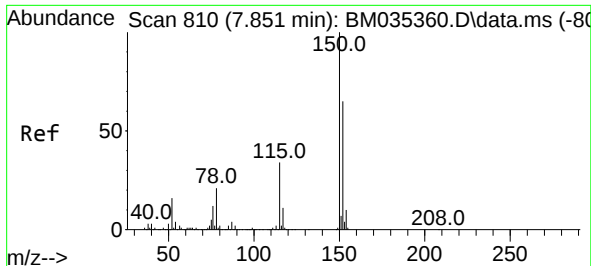
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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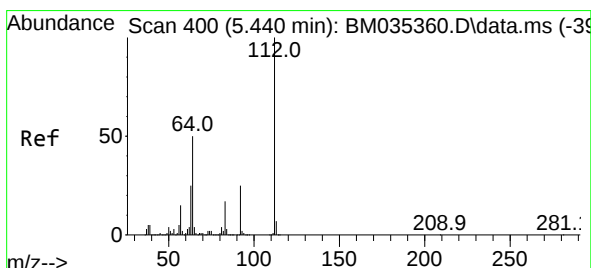
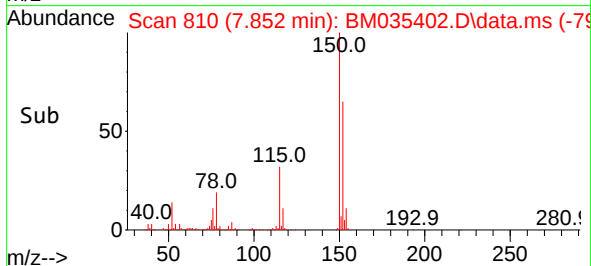
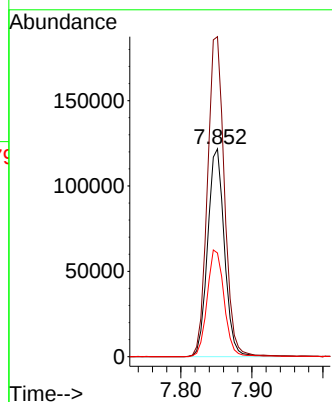
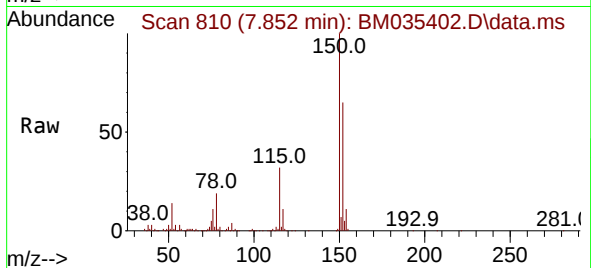




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. 0.001 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

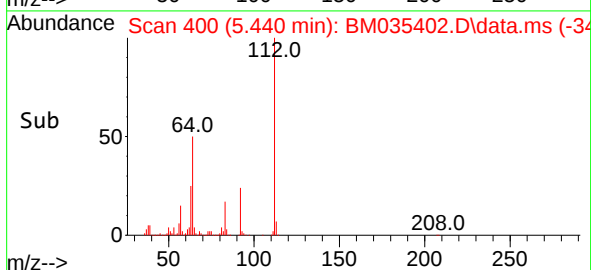
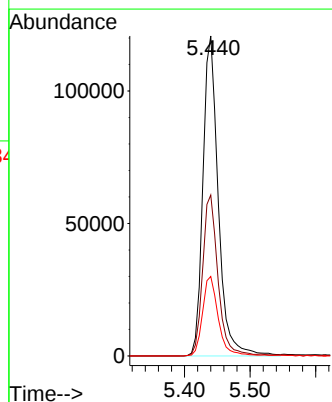
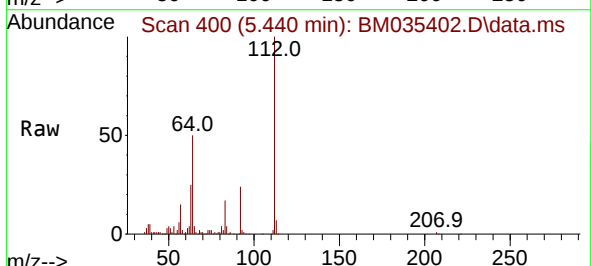
Instrument :
BNA_M
ClientSampleId :
DISP-2-D

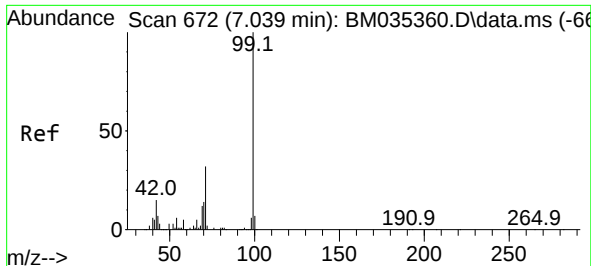
Tgt Ion:152 Resp: 200276
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 49.9 47.9 71.9



#5
2-Fluorophenol
Concen: 20.726 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

Tgt Ion:112 Resp: 197541
Ion Ratio Lower Upper
112 100
64 50.3 47.8 71.6
63 24.9 26.6 40.0#

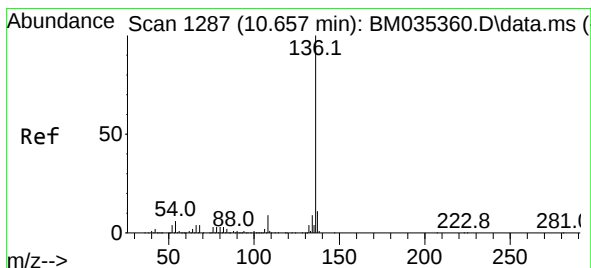
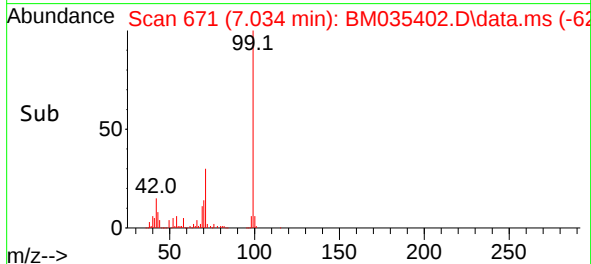
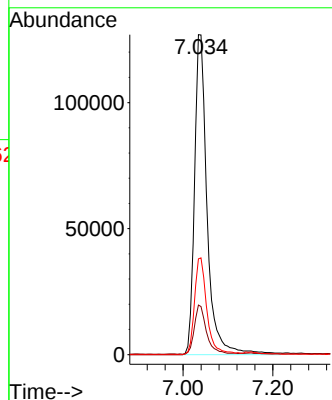
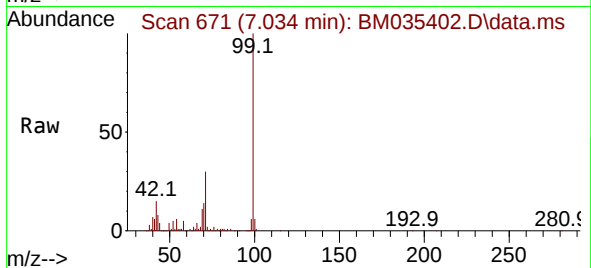




#7
Phenol-d6
Concen: 19.062 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

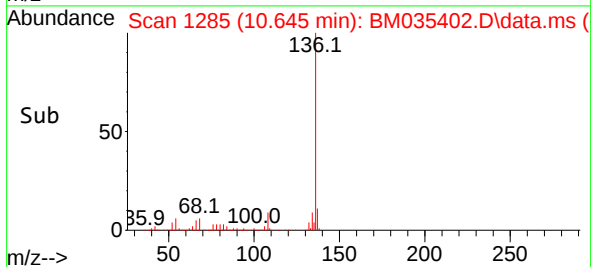
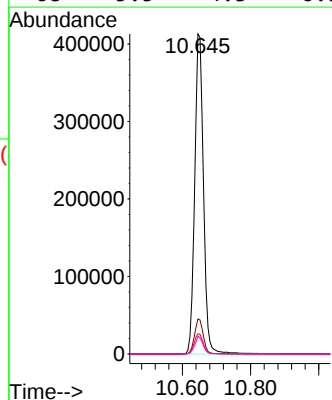
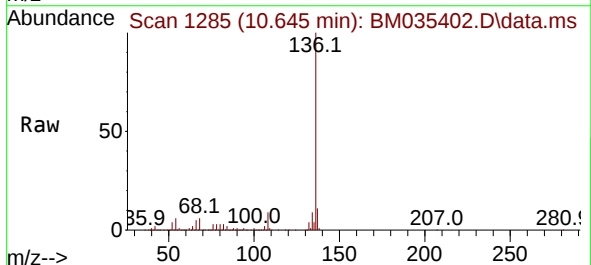
Instrument :
BNA_M
ClientSampleId :
DISP-2-D

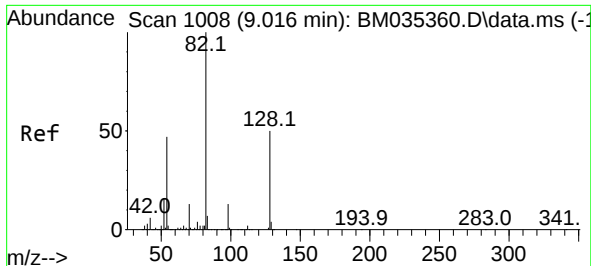
Tgt Ion: 99 Resp: 248164
Ion Ratio Lower Upper
99 100
42 15.5 18.8 28.2#
71 30.0 30.2 45.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.011 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

Tgt Ion: 136 Resp: 737028
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.3 7.0 10.4#
68 5.5 4.3 6.5

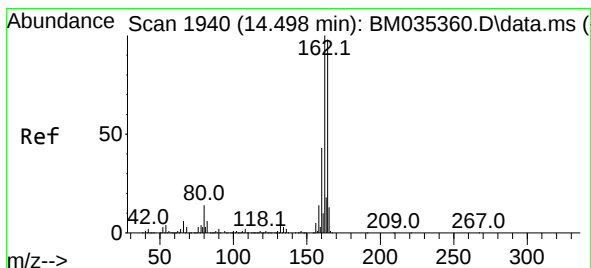
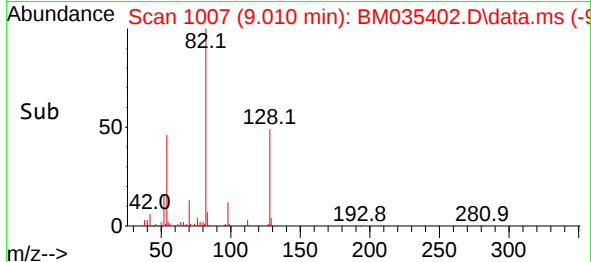
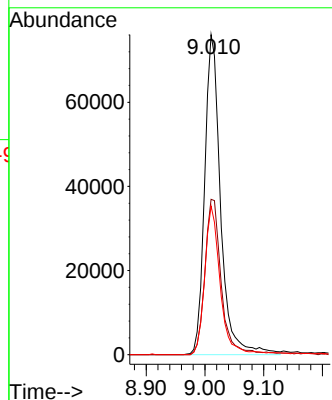
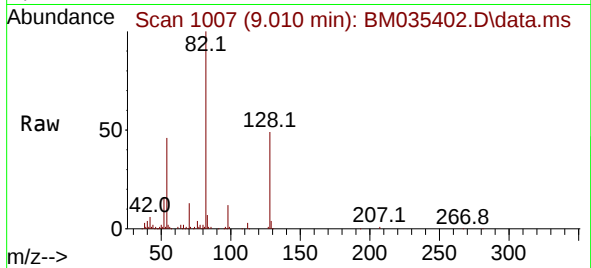




#23
Nitrobenzene-d5
Concen: 12.408 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

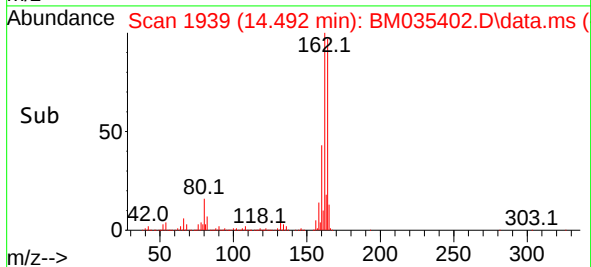
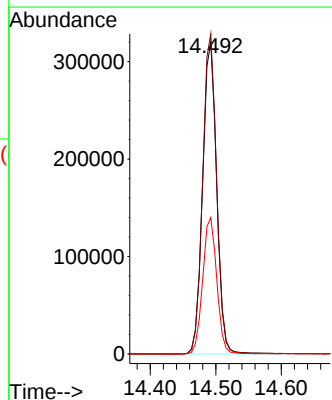
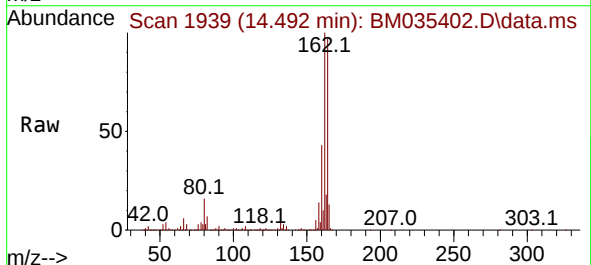
Instrument :
BNA_M
ClientSampleId :
DISP-2-D

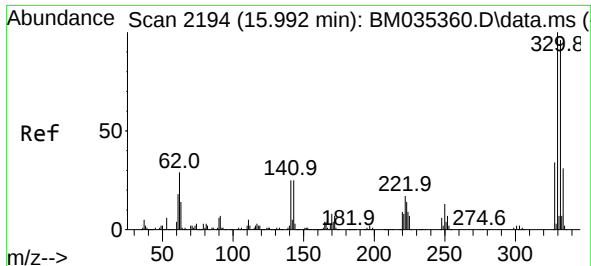
Tgt Ion: 82 Resp: 144023
Ion Ratio Lower Upper
82 100
128 48.6 33.7 50.5
54 46.5 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

Tgt Ion:164 Resp: 475615
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 43.8 37.0 55.4

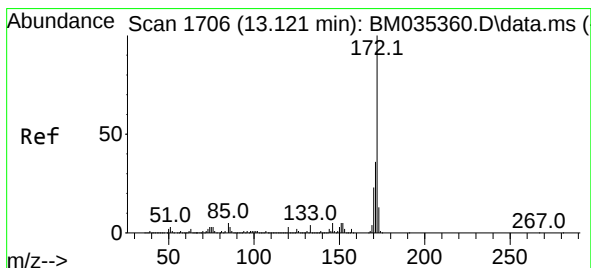
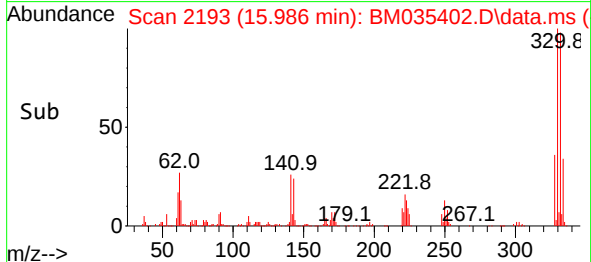
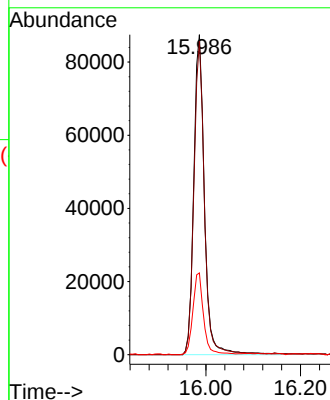
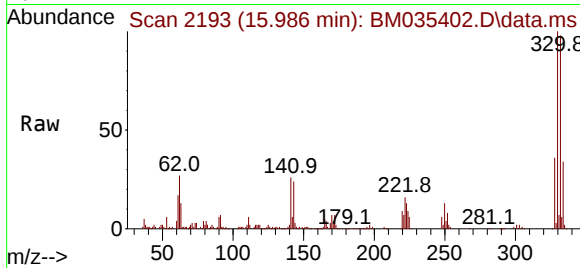




#42
2,4,6-Tribromophenol
Concen: 17.861 ng
RT: 15.986 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

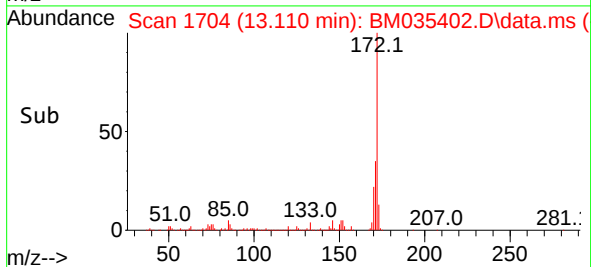
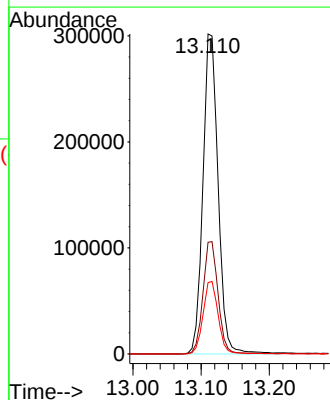
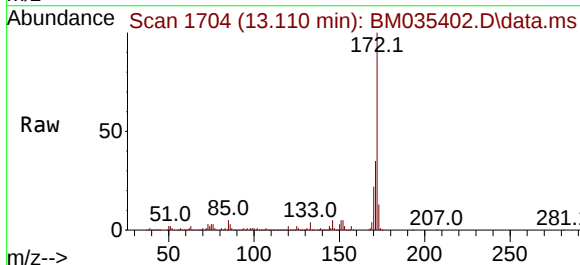
Instrument :
BNA_M
ClientSampleId :
DISP-2-D

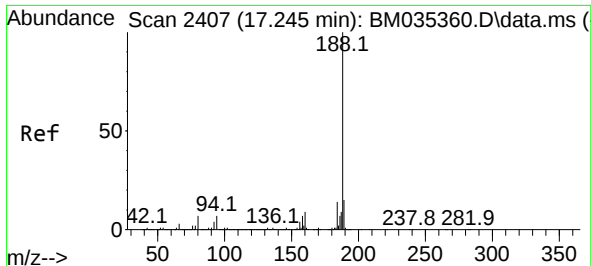
Tgt Ion:330 Resp: 136301
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 25.6 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 14.146 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

Tgt Ion:172 Resp: 468438
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.3 18.7 28.1

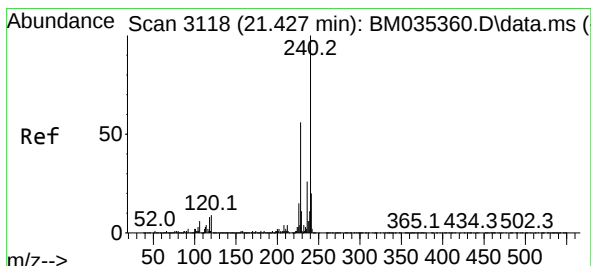
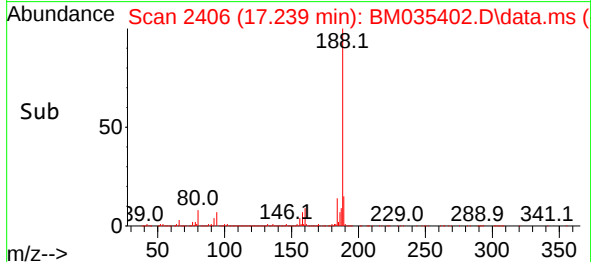
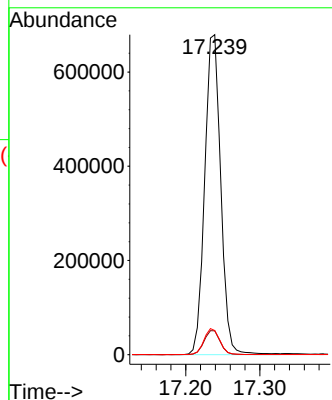
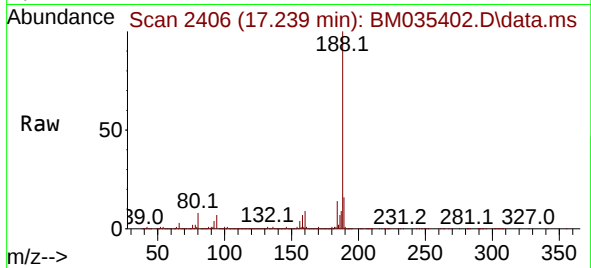




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

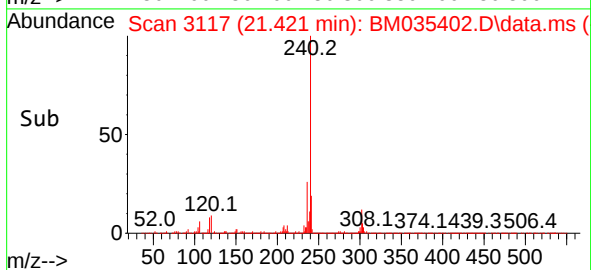
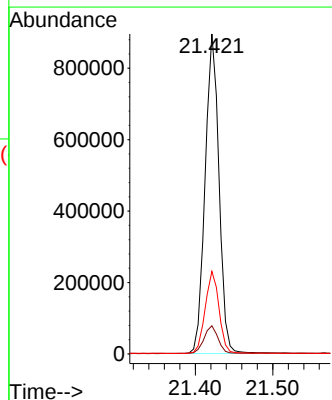
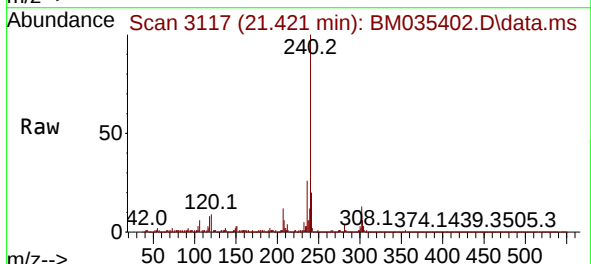
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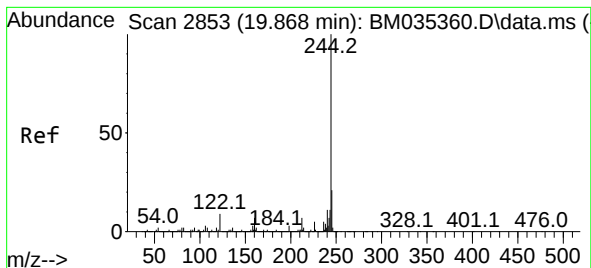
Tgt Ion:188 Resp: 1020650
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035402.D
Acq: 03 Jun 2022 19:24

Tgt Ion:240 Resp: 1113985
Ion Ratio Lower Upper
240 100
120 8.8 9.4 14.0#
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 13.563 ng

RT: 19.863 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM035402.D

Acq: 03 Jun 2022 19:24

Instrument :

BNA_M

ClientSampleId :

DISP-2-D

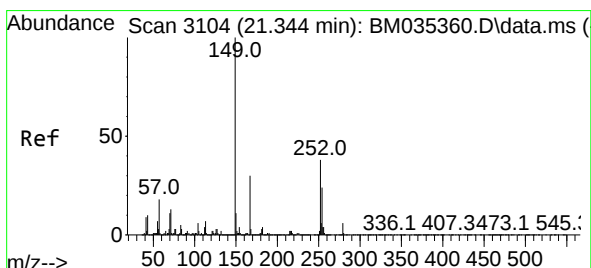
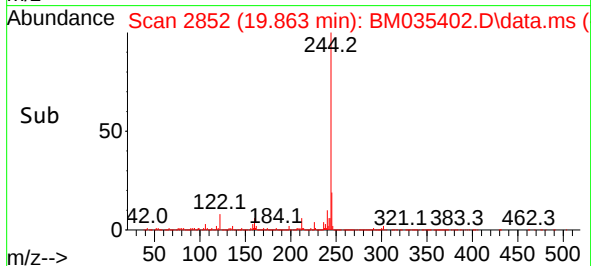
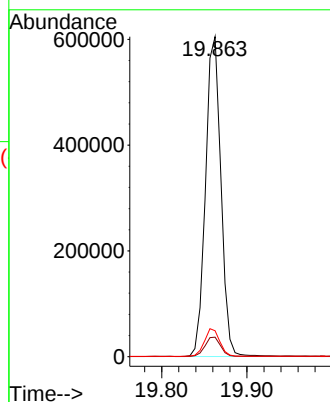
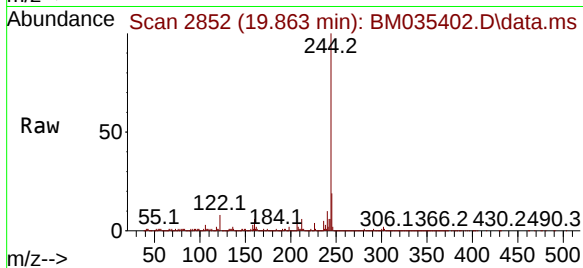
Tgt Ion:244 Resp: 758381

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.4#

122 8.1 8.3 12.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.334 ng

RT: 21.280 min Scan# 3093

Delta R.T. -0.064 min

Lab File: BM035402.D

Acq: 03 Jun 2022 19:24

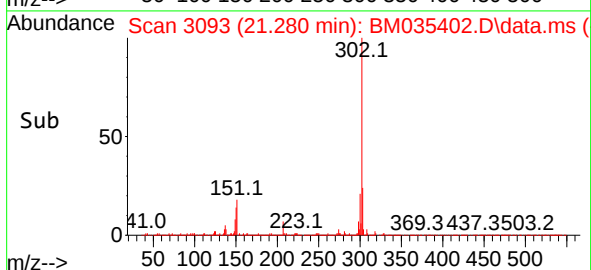
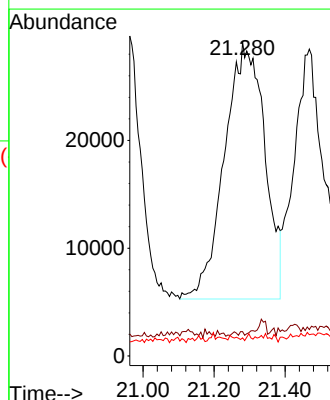
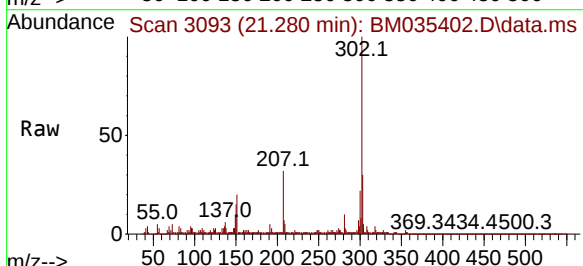
Tgt Ion:149 Resp: 187333

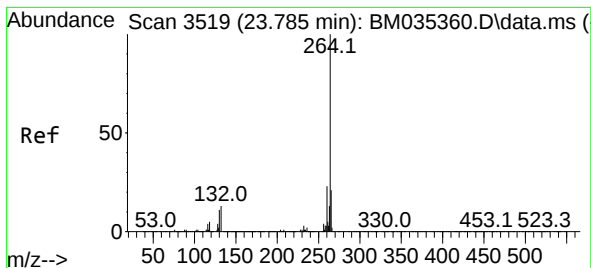
Ion Ratio Lower Upper

149 100

167 7.7 21.1 31.7#

279 5.7 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: BM035402.D

Acq: 03 Jun 2022 19:24

Instrument :

BNA_M

ClientSampleId :

DISP-2-D

Tgt Ion:264 Resp: 1238534

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.5 17.5 26.3

