

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040211.D
 Acq On : 10 Jun 2023 04:53
 Operator : MA/JU
 Sample : 03092-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Jun 10 05:40:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

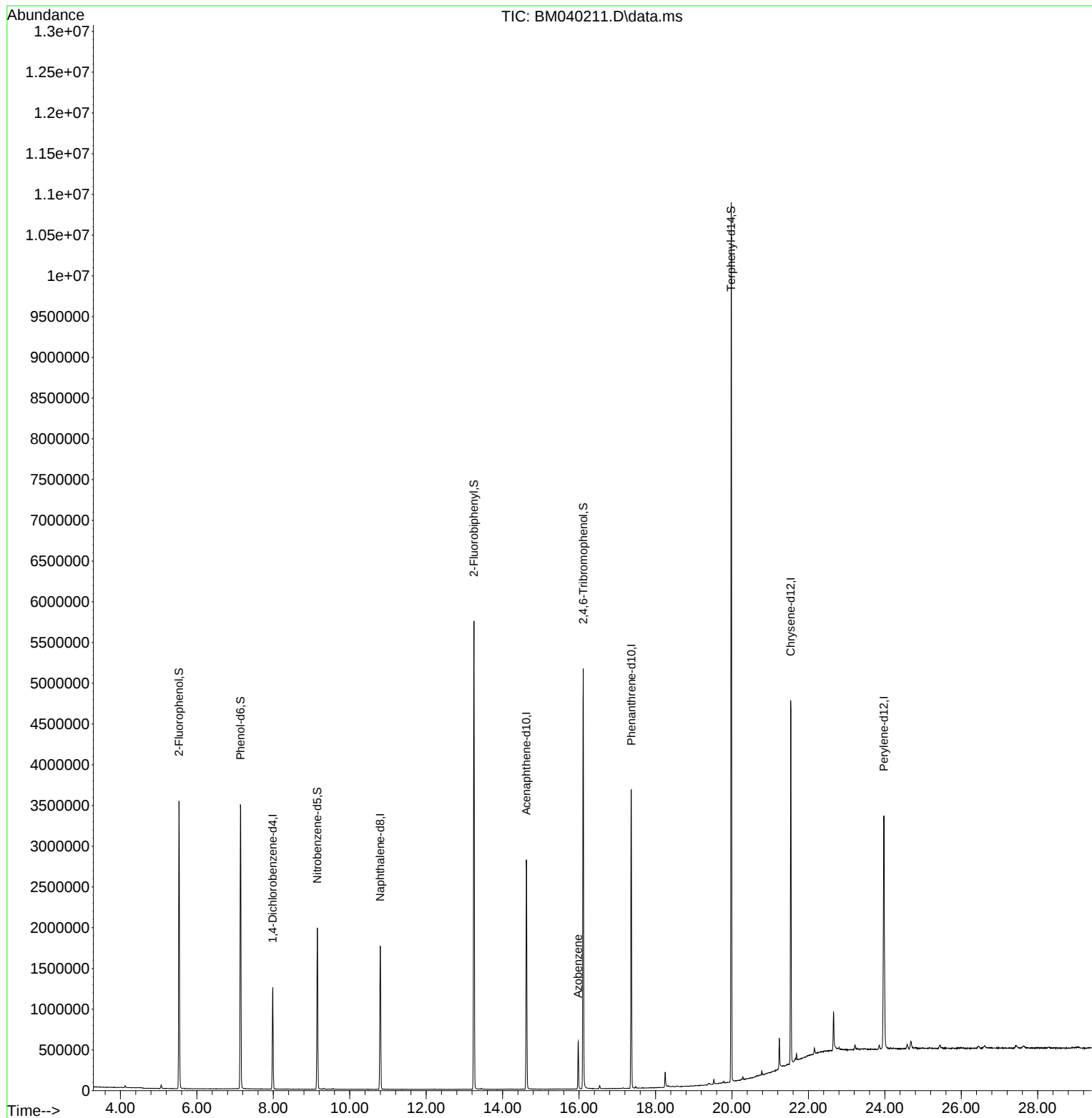
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	348230	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1503540	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	950714	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2152467	20.000	ng	# 0.00
76) Chrysene-d12	21.538	240	1929265	20.000	ng	-0.01
86) Perylene-d12	23.974	264	2016296	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1627741	69.795	ng	0.00
7) Phenol-d6	7.139	99	2106582	66.196	ng	0.00
23) Nitrobenzene-d5	9.151	82	1103593	39.728	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	970220	67.828	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2837974	39.454	ng	0.00
79) Terphenyl-d14	19.980	244	4951208	47.309	ng	0.00
Target Compounds						
63) Azobenzene	15.974	77	160124	2.189	ng	# 1

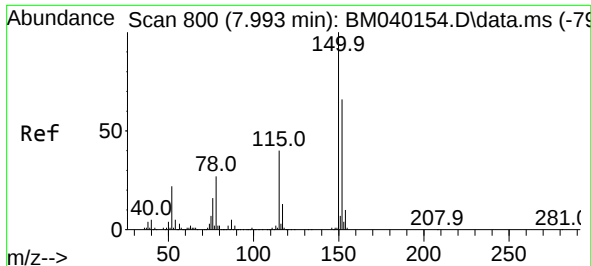
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.986 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BM040211.D
 Acq: 10 Jun 2023 04:53

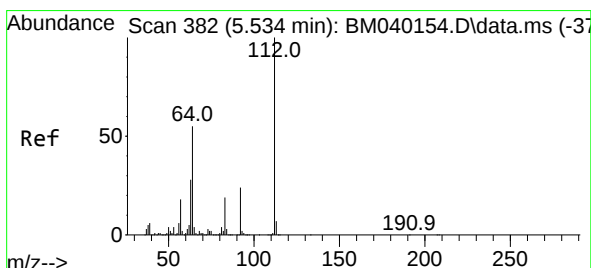
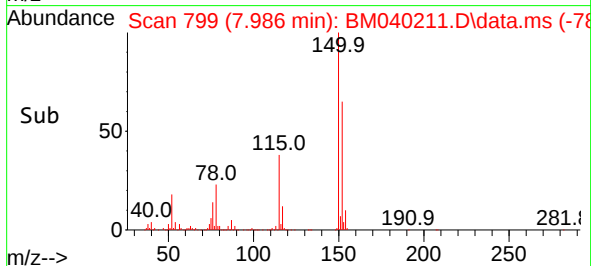
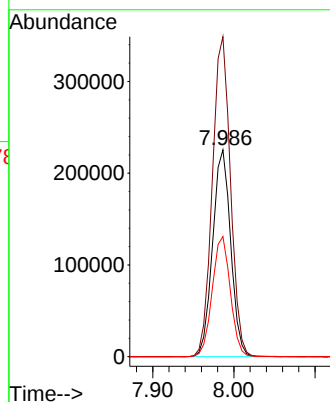
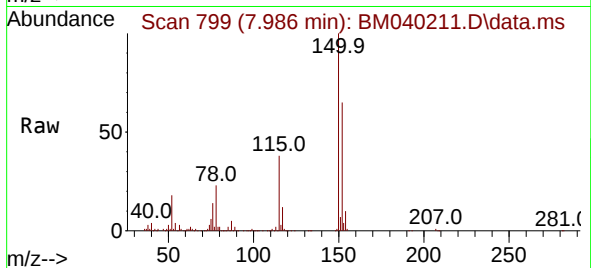
Instrument :

BNA_M

ClientSampleId :

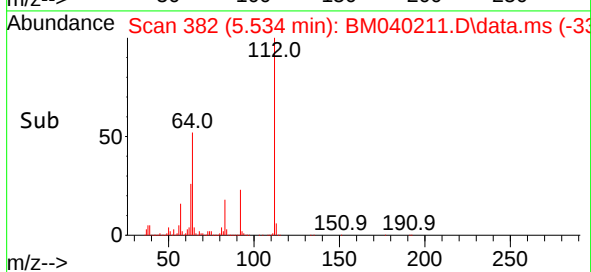
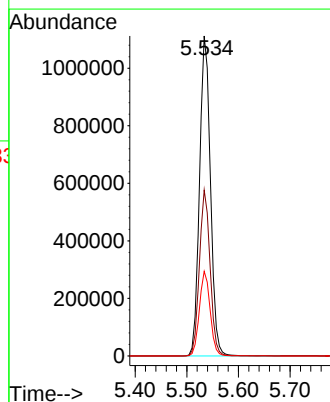
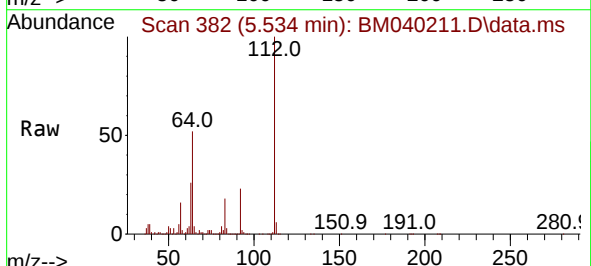
TP-1

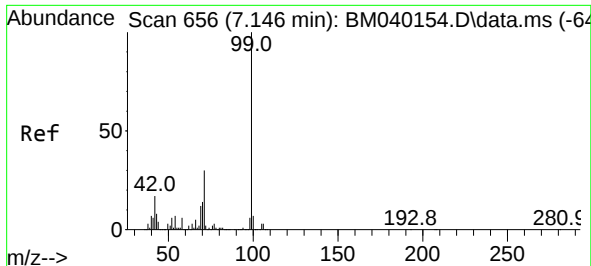
Tgt Ion:152 Resp: 348230
 Ion Ratio Lower Upper
 152 100
 150 154.7 121.4 182.0
 115 58.1 48.2 72.4



#5
 2-Fluorophenol
 Concen: 69.795 ng
 RT: 5.534 min Scan# 382
 Delta R.T. -0.000 min
 Lab File: BM040211.D
 Acq: 10 Jun 2023 04:53

Tgt Ion:112 Resp: 1627741
 Ion Ratio Lower Upper
 112 100
 64 51.9 43.8 65.6
 63 26.4 22.8 34.2



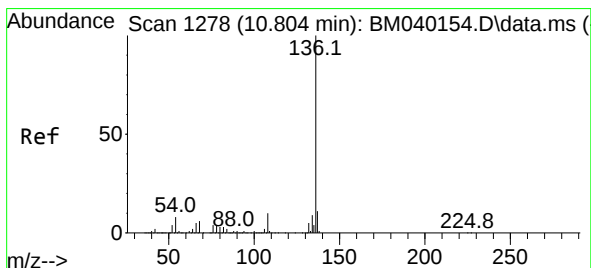
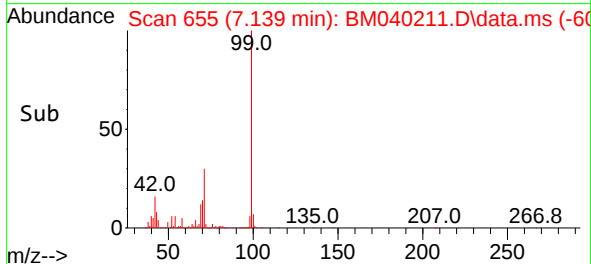
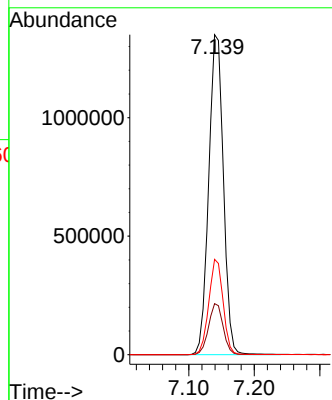
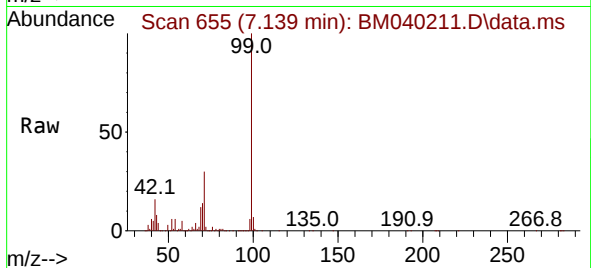


#7
Phenol-d6
Concen: 66.196 ng
RT: 7.139 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040211.D
Acq: 10 Jun 2023 04:53

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 2106582

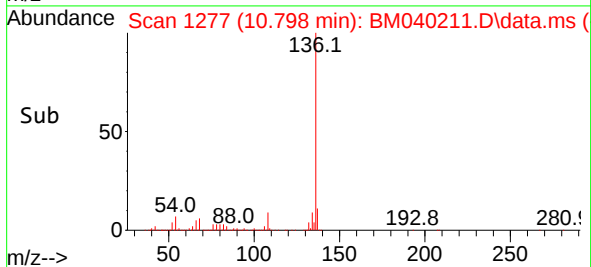
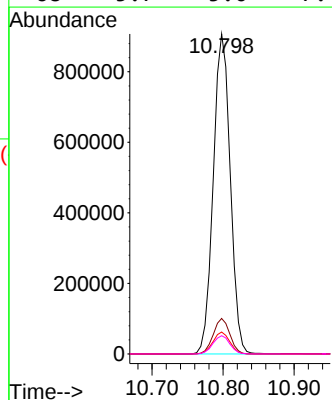
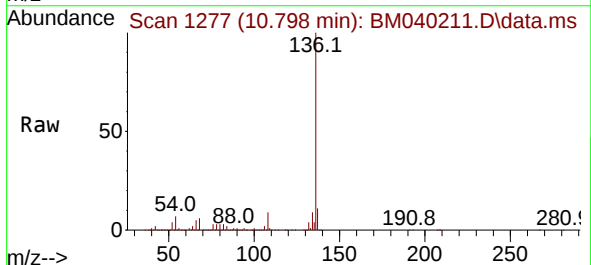
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.2
71	29.8	24.3	36.5

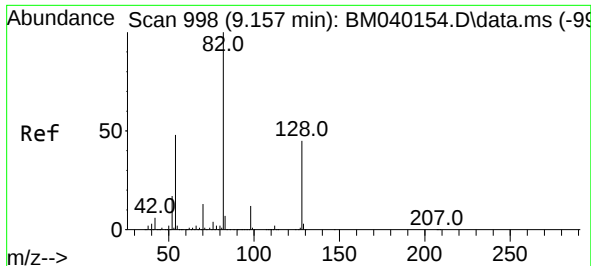


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040211.D
Acq: 10 Jun 2023 04:53

Tgt Ion: 136 Resp: 1503540

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	6.2	9.4
68	5.7	5.0	7.4

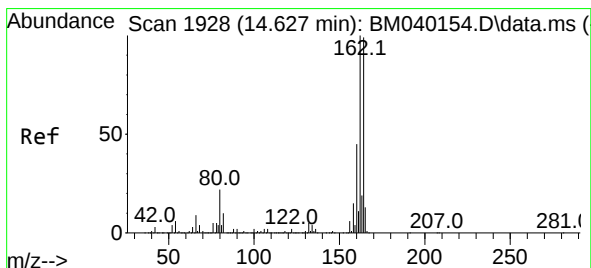
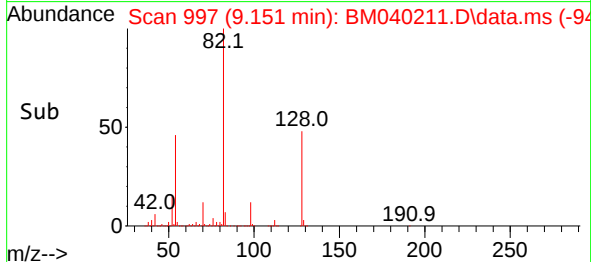
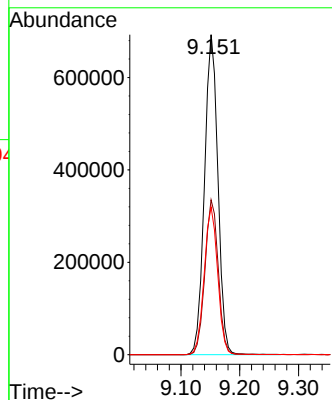
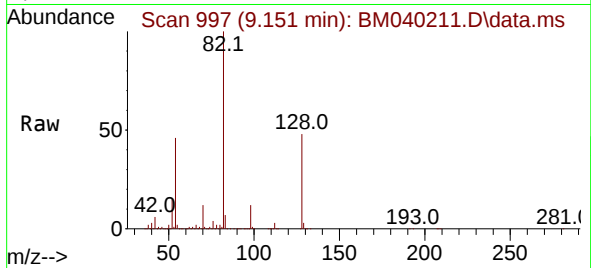




#23
Nitrobenzene-d5
Concen: 39.728 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040211.D
Acq: 10 Jun 2023 04:53

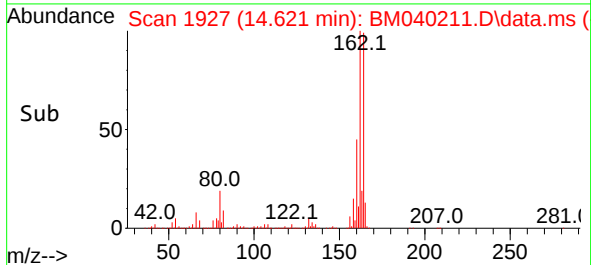
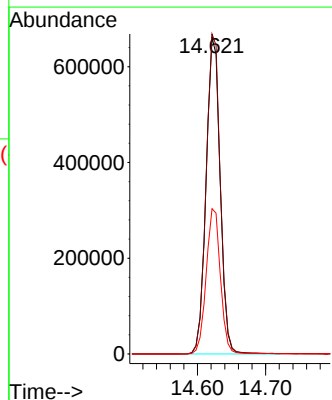
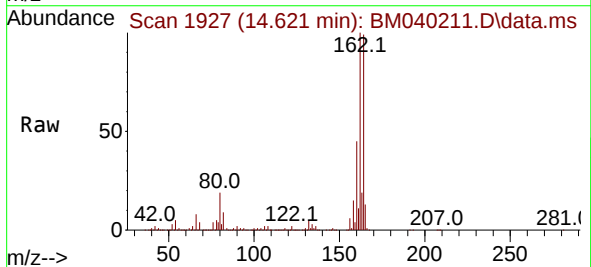
Instrument :
BNA_M
ClientSampleId :
TP-1

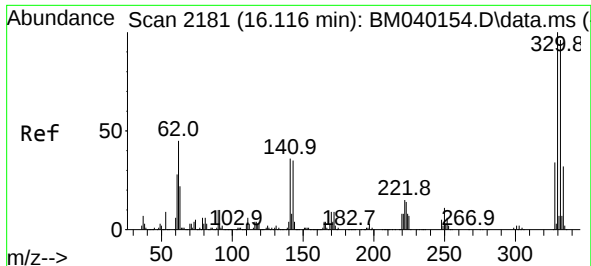
Tgt Ion: 82 Resp: 1103593
Ion Ratio Lower Upper
82 100
128 48.4 36.0 54.0
54 46.2 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM040211.D
Acq: 10 Jun 2023 04:53

Tgt Ion: 164 Resp: 950714
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 67.828 ng

RT: 16.109 min Scan# 21

Delta R.T. -0.007 min

Lab File: BM040211.D

Acq: 10 Jun 2023 04:53

Instrument :

BNA_M

ClientSampleId :

TP-1

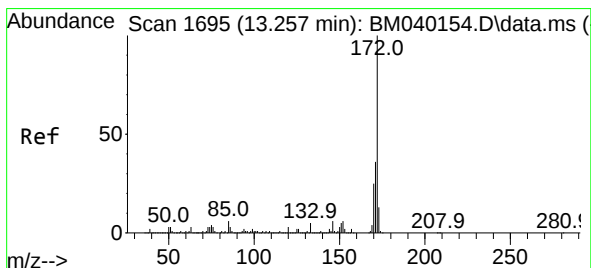
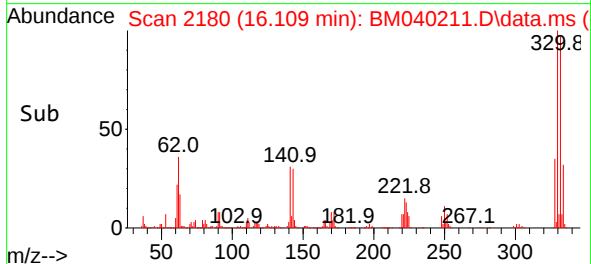
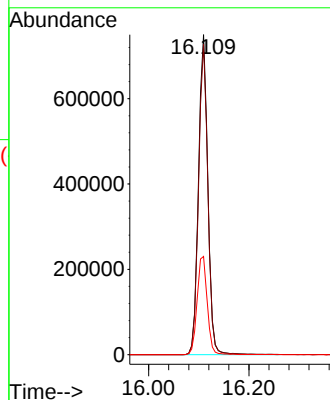
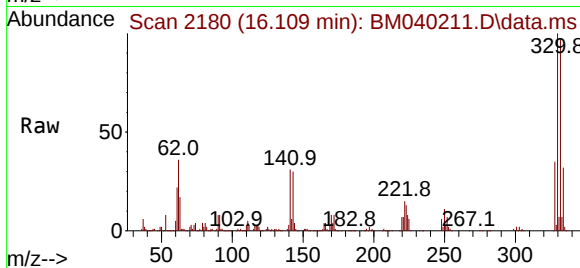
Tgt Ion:330 Resp: 970220

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 33.3 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 39.454 ng

RT: 13.251 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM040211.D

Acq: 10 Jun 2023 04:53

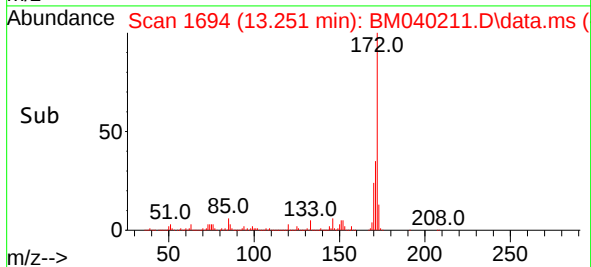
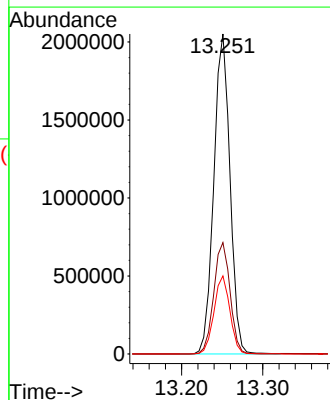
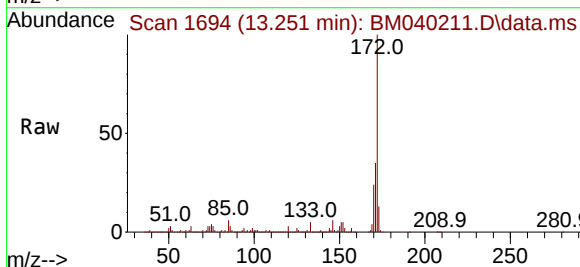
Tgt Ion:172 Resp: 2837974

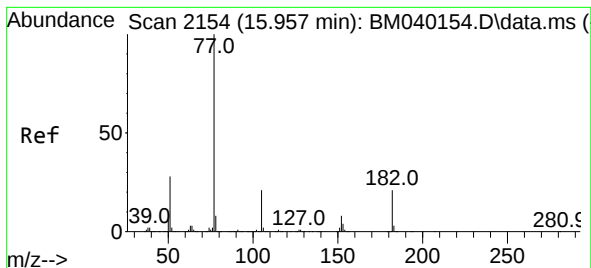
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 24.4 19.8 29.6





#63

Azobenzene

Concen: 2.189 ng

RT: 15.974 min Scan# 2154

Delta R.T. 0.017 min

Lab File: BM040211.D

Acq: 10 Jun 2023 04:53

Instrument :

BNA_M

ClientSampleId :

TP-1

Tgt Ion: 77 Resp: 160124

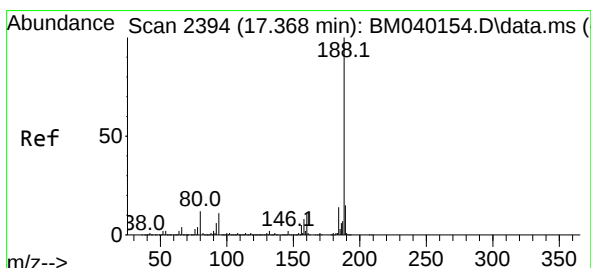
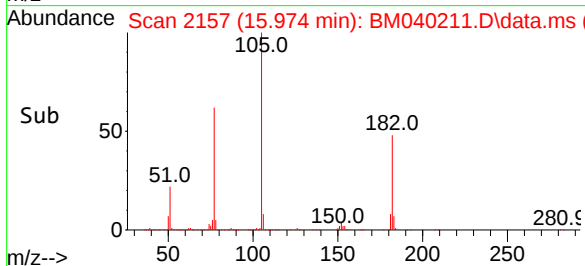
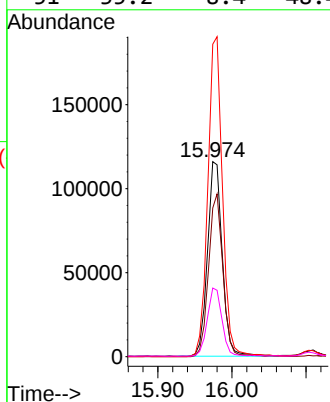
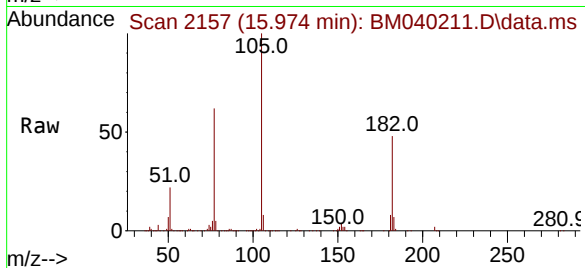
Ion Ratio Lower Upper

77 100

182 76.2 1.1 41.1#

105 160.2 1.1 41.1#

51 35.2 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BM040211.D

Acq: 10 Jun 2023 04:53

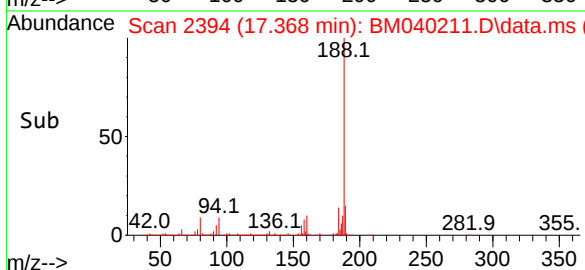
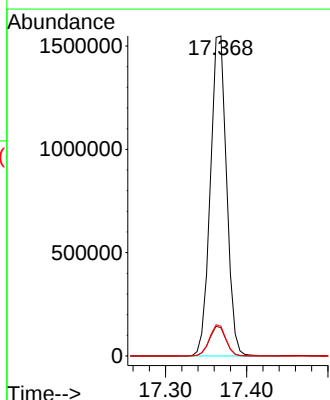
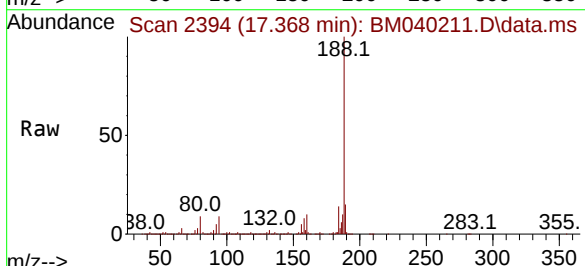
Tgt Ion:188 Resp: 2152467

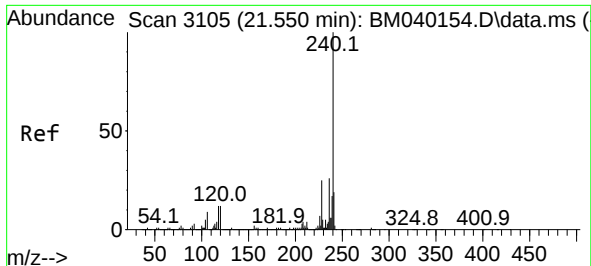
Ion Ratio Lower Upper

188 100

94 8.8 8.9 13.3#

80 9.3 9.6 14.4#

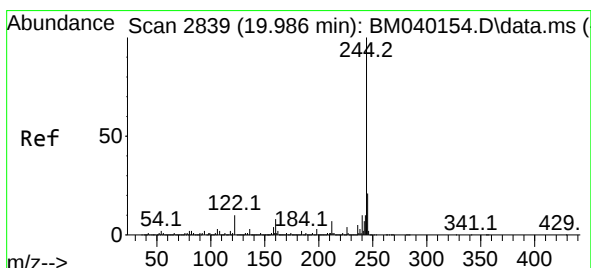
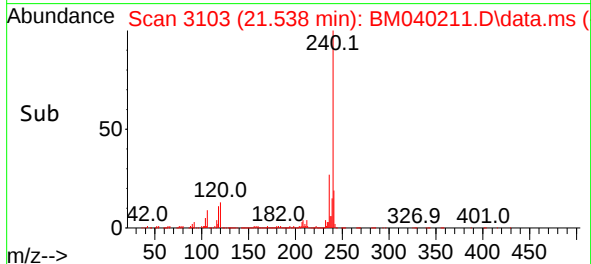
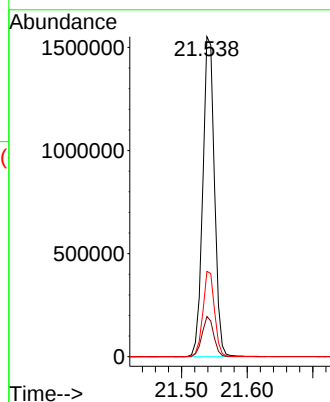
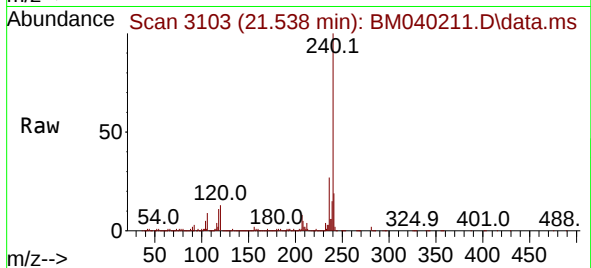




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.538 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM040211.D
Acq: 10 Jun 2023 04:53

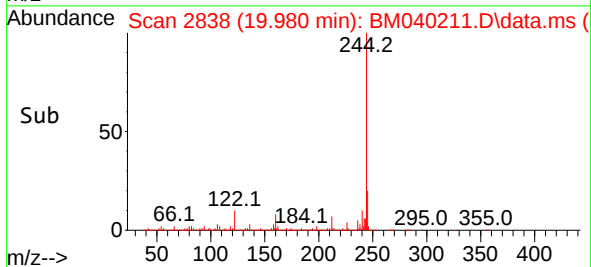
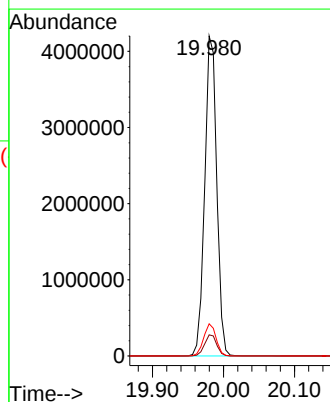
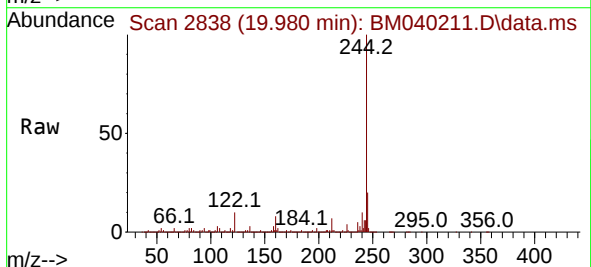
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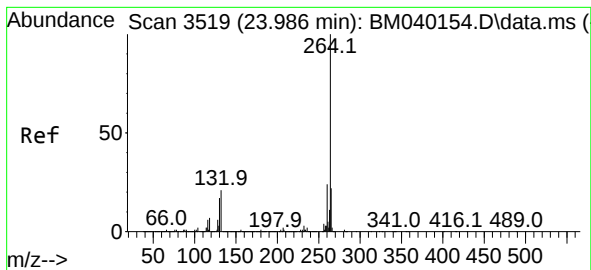
Tgt Ion:240 Resp: 1929265
Ion Ratio Lower Upper
240 100
120 12.6 9.9 14.9
236 26.6 21.1 31.7



#79
Terphenyl-d14
Concen: 47.309 ng
RT: 19.980 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BM040211.D
Acq: 10 Jun 2023 04:53

Tgt Ion:244 Resp: 4951208
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.0 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.974 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM040211.D
Acq: 10 Jun 2023 04:53

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 2016296

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.0	17.7	26.5

