

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039115.D
 Acq On : 23 Mar 2023 12:48
 Operator : CG/JU
 Sample : 02001-08RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IRV-3RE

Quant Time: Mar 24 04:29:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	236817	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	890079	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	228576	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	854844	20.000	ng	0.00
76) Chrysene-d12	21.527	240	130048	20.000	ng	# 0.00
86) Perylene-d12	23.962	264	3636	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1853477	118.909	ng	0.00
7) Phenol-d6	7.128	99	1190188	58.785	ng	0.00
23) Nitrobenzene-d5	9.134	82	1762268	97.255	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	953905	360.745	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3631707	206.835	ng	0.00
79) Terphenyl-d14	19.968	244	4022324	565.495	ng	0.00

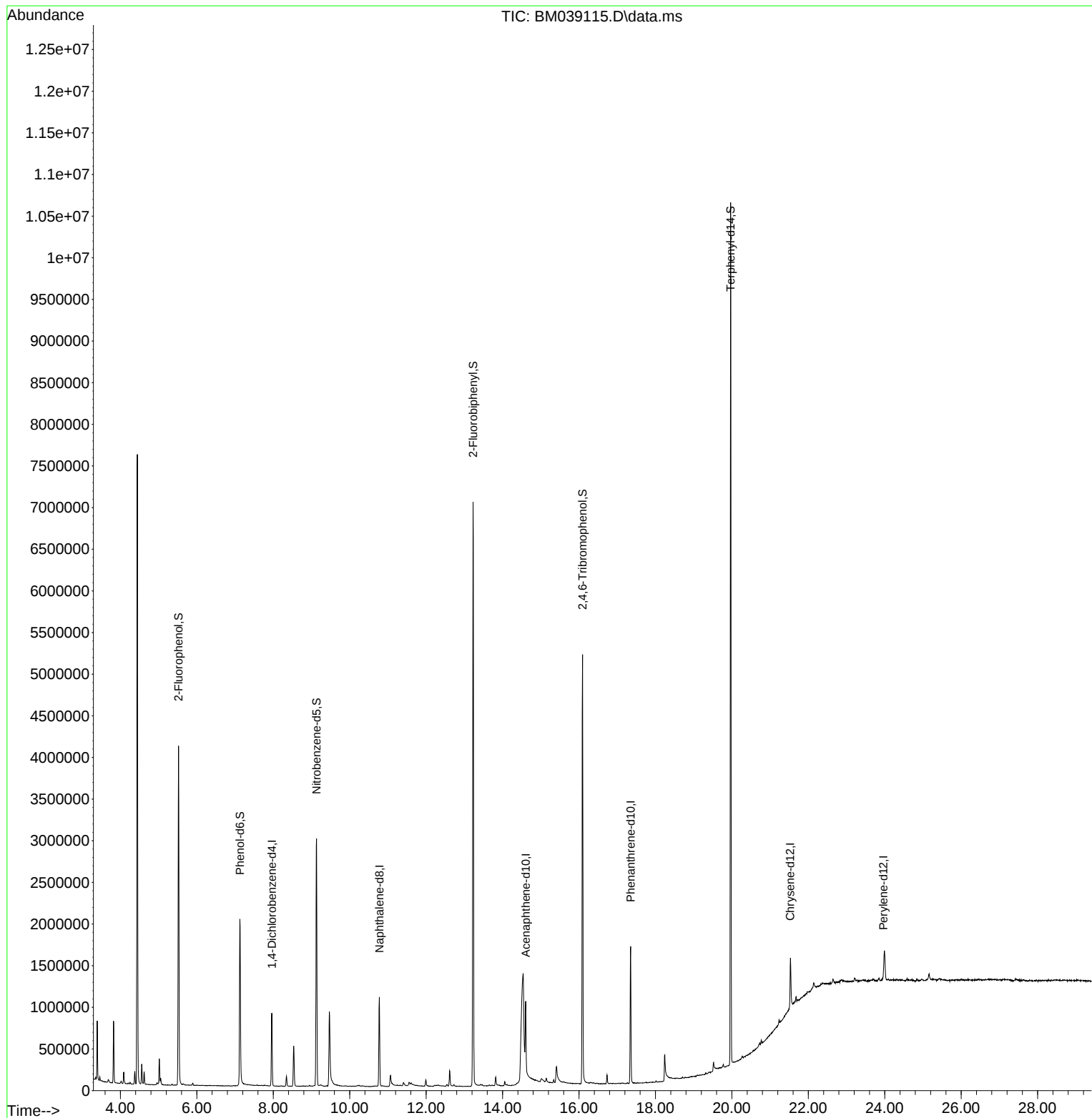
Target Compounds	Qvalue

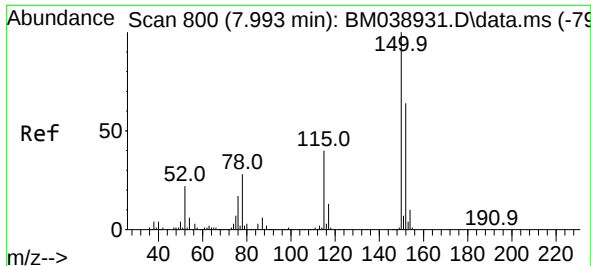
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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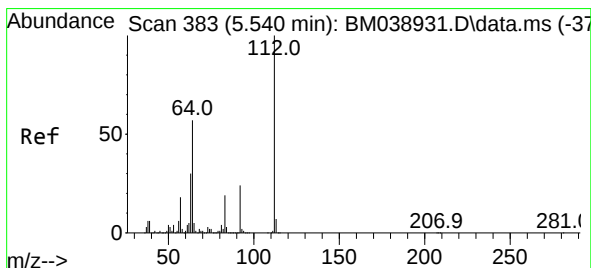
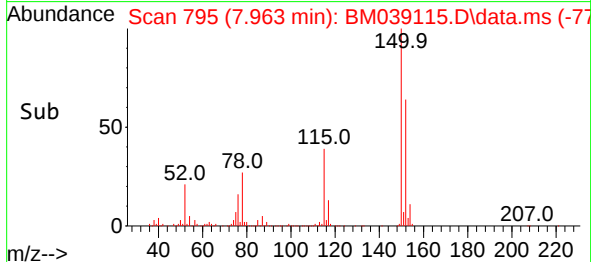
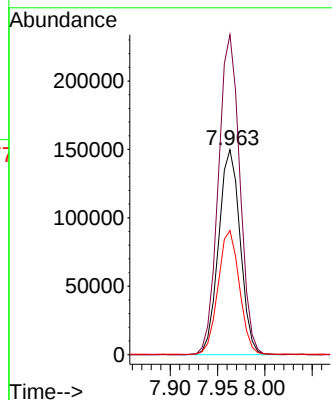
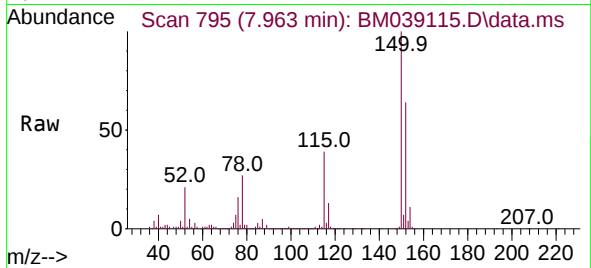




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

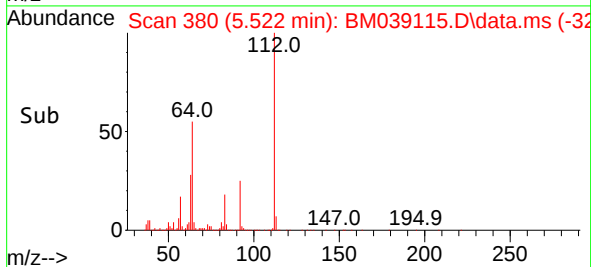
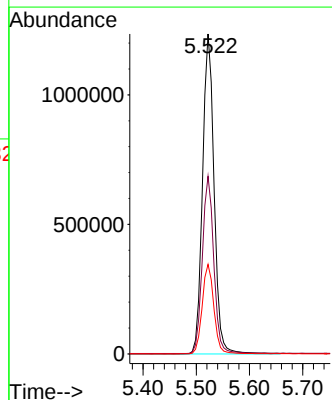
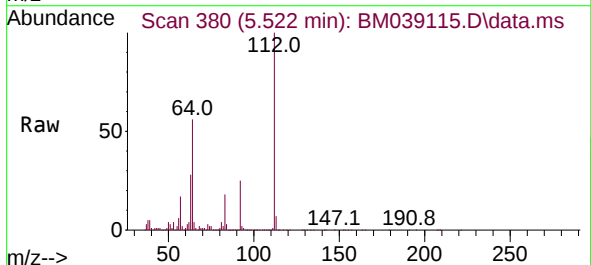
Instrument :
BNA_M
ClientSampleId :
IRV-3RE

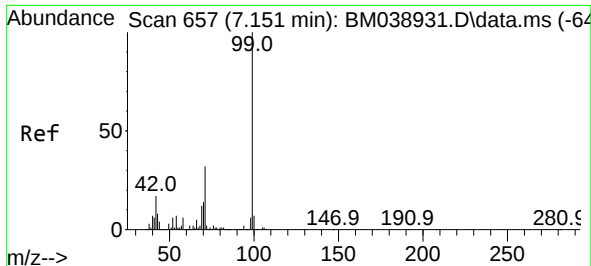
Tgt Ion:152 Resp: 236817
Ion Ratio Lower Upper
152 100
150 156.1 125.1 187.7
115 60.6 49.6 74.4



#5
2-Fluorophenol
Concen: 118.909 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

Tgt Ion:112 Resp: 1853477
Ion Ratio Lower Upper
112 100
64 55.5 45.9 68.9
63 28.0 23.8 35.8

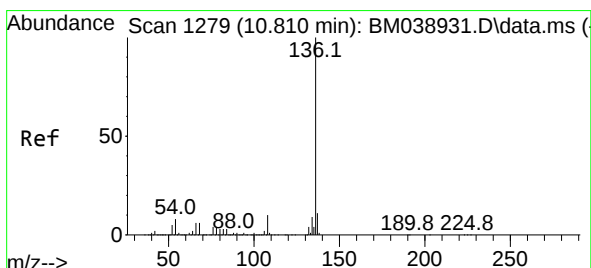
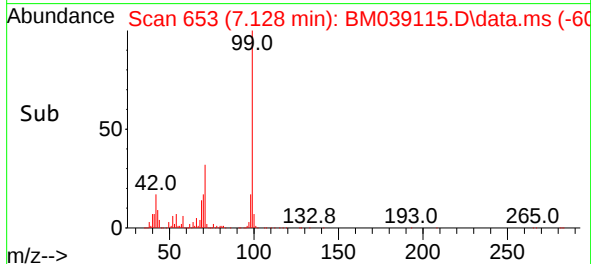
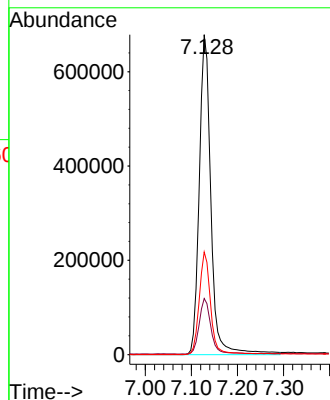
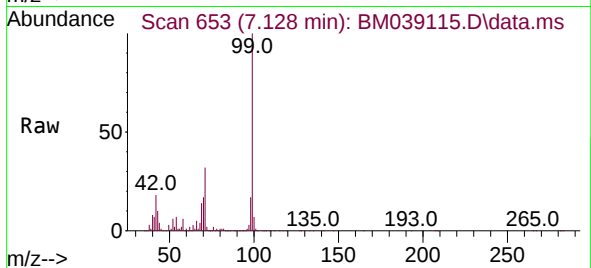




#7
Phenol-d6
Concen: 58.785 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

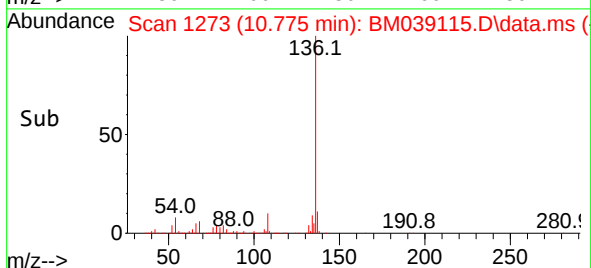
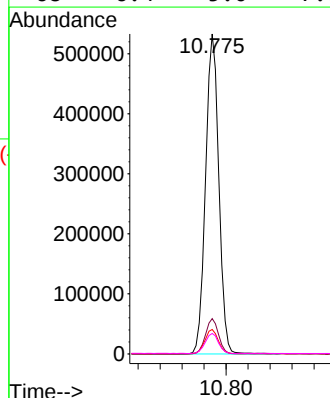
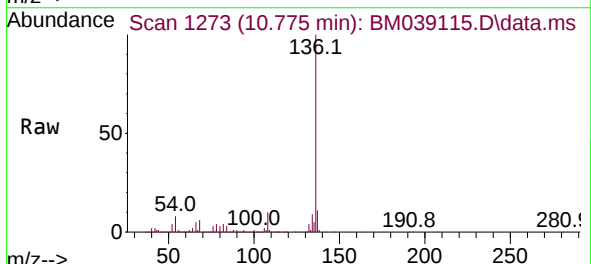
Instrument :
BNA_M
ClientSampleId :
IRV-3RE

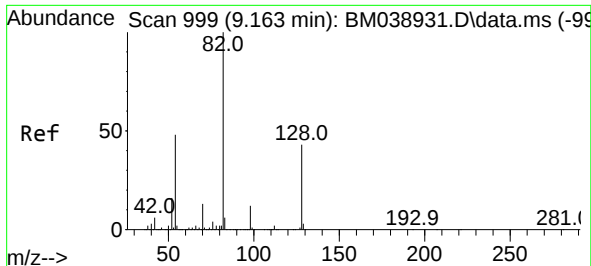
Tgt Ion: 99 Resp: 1190188
Ion Ratio Lower Upper
99 100
42 17.5 13.5 20.3
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 136 Resp: 890079
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.6 6.3 9.5
68 6.4 5.0 7.6



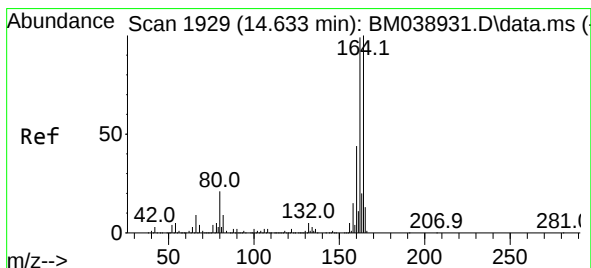
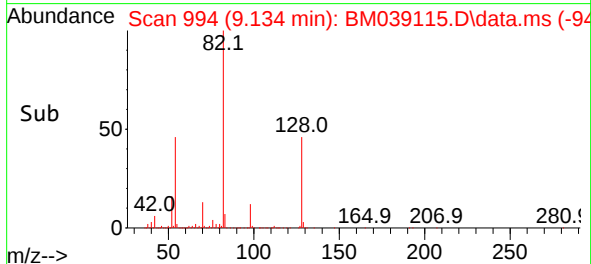
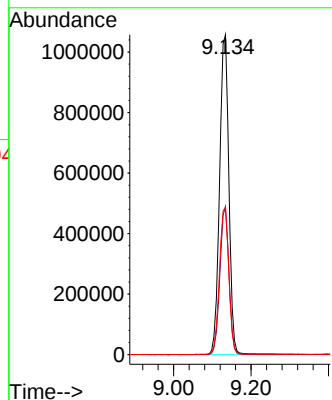
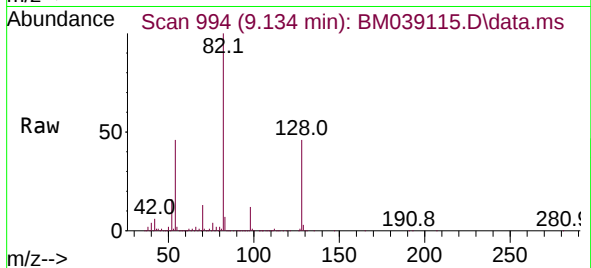


#23
Nitrobenzene-d5
Concen: 97.255 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

Instrument :
BNA_M
ClientSampleId :
IRV-3RE

Tgt Ion: 82 Resp: 1762268

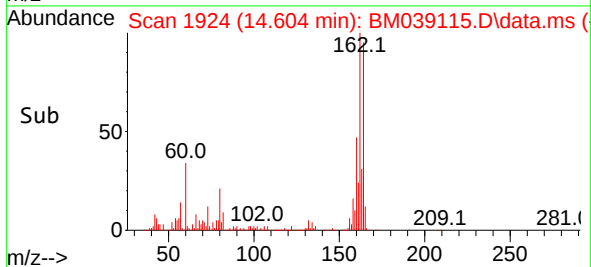
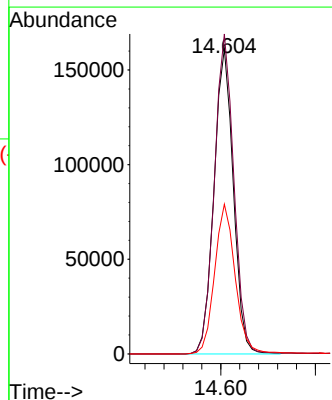
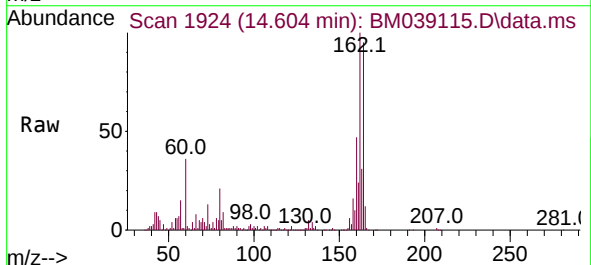
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.4	51.6
54	46.1	38.8	58.2

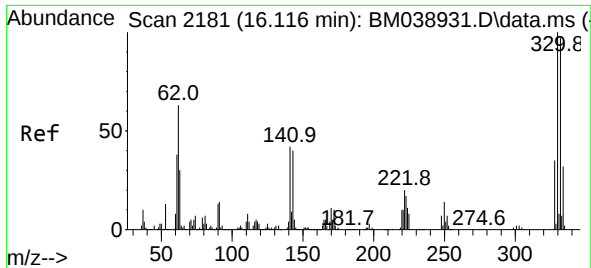


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 164 Resp: 228576

Ion	Ratio	Lower	Upper
164	100		
162	104.9	79.2	118.8
160	49.1	35.5	53.3

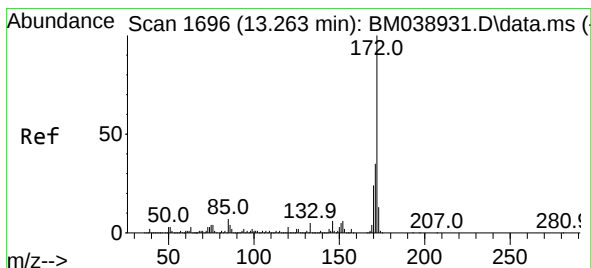
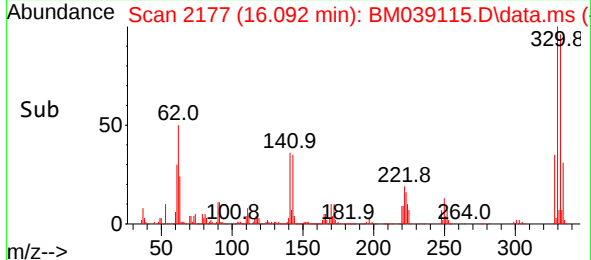
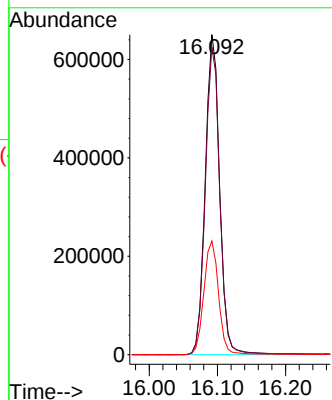
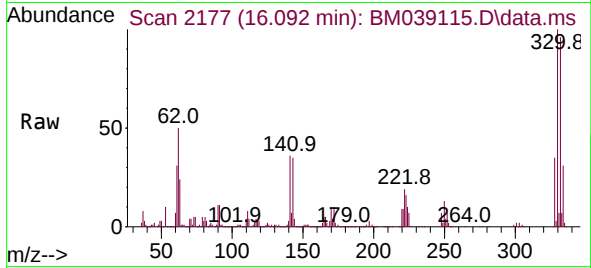




#42
2,4,6-Tribromophenol
Concen: 360.745 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

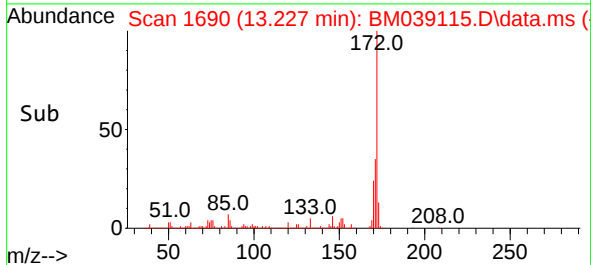
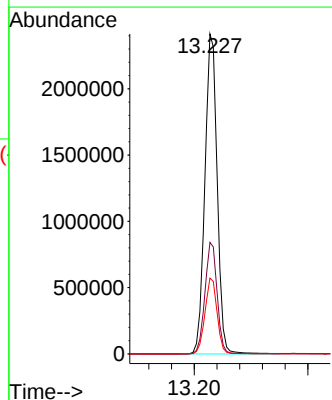
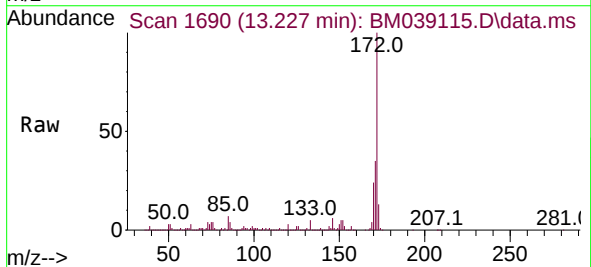
Instrument :
BNA_M
ClientSampleId :
IRV-3RE

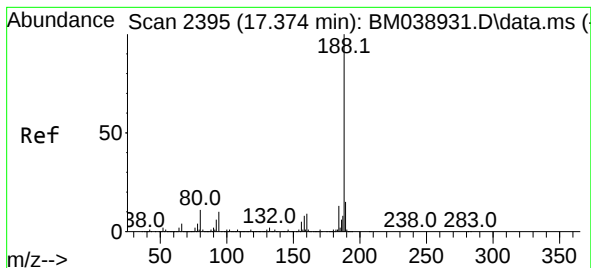
Tgt Ion:330 Resp: 953905
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 36.7 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 206.835 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM039115.D
Acq: 23 Mar 2023 12:48

Tgt Ion:172 Resp: 3631707
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM039115.D

Acq: 23 Mar 2023 12:48

Instrument :

BNA_M

ClientSampleId :

IRV-3RE

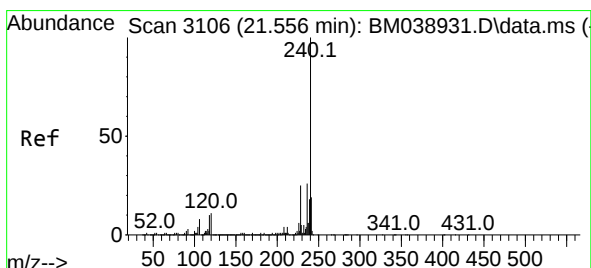
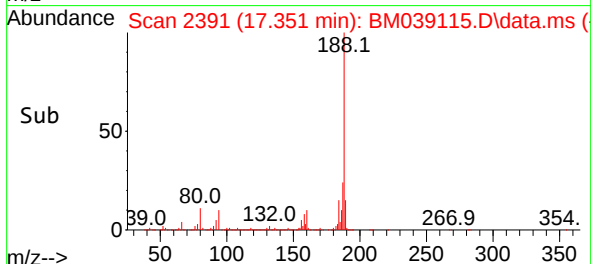
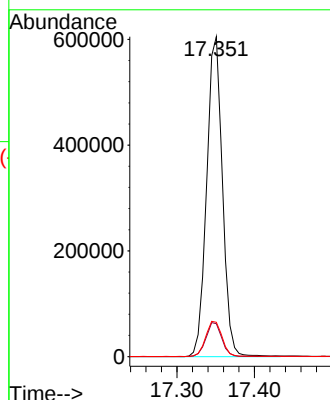
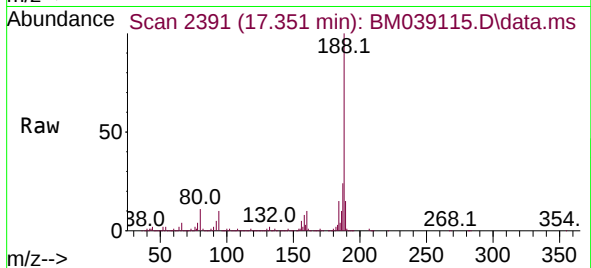
Tgt Ion:188 Resp: 854844

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 10.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM039115.D

Acq: 23 Mar 2023 12:48

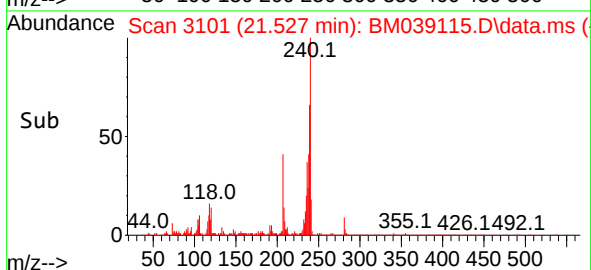
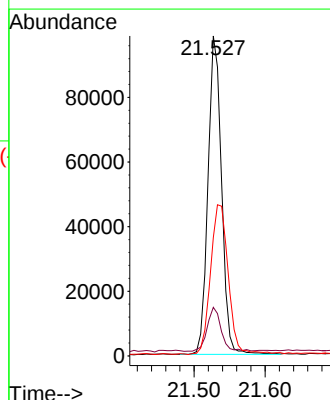
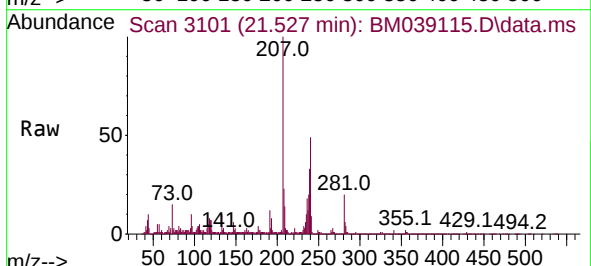
Tgt Ion:240 Resp: 130048

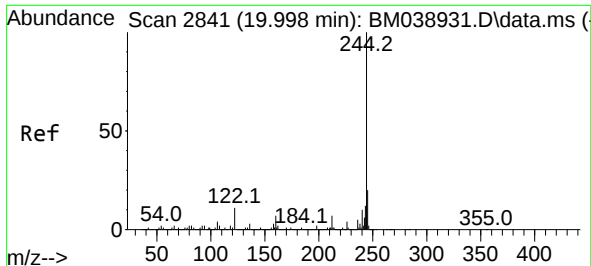
Ion Ratio Lower Upper

240 100

120 15.2 9.2 13.8#

236 37.0 20.8 31.2#





#79

Terphenyl-d14

Concen: 565.495 ng

RT: 19.968 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM039115.D

Acq: 23 Mar 2023 12:48

Instrument :

BNA_M

ClientSampleId :

IRV-3RE

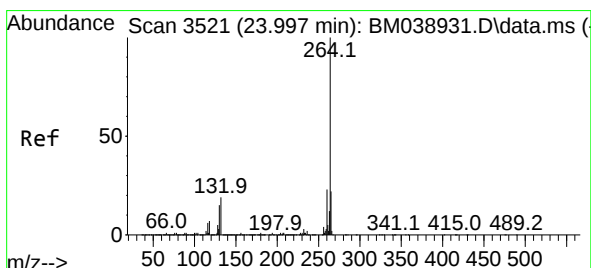
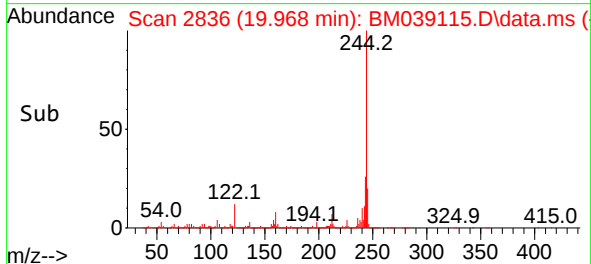
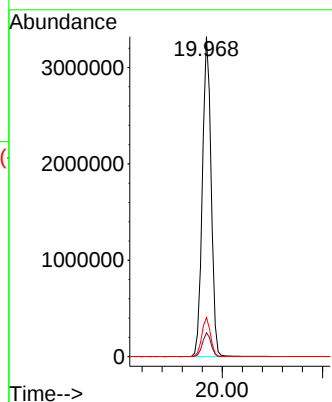
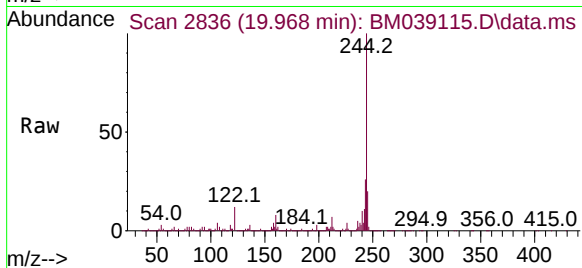
Tgt Ion:244 Resp: 4022324

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

122 12.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM039115.D

Acq: 23 Mar 2023 12:48

Tgt Ion:264 Resp: 3636

Ion Ratio Lower Upper

264 100

260 275.3 18.7 28.1#

265 320.1 17.9 26.9#

