

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039114.D
 Acq On : 23 Mar 2023 12:10
 Operator : CG/JU
 Sample : 02001-05RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IRV-2RE

Quant Time: Mar 24 04:29:19 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)

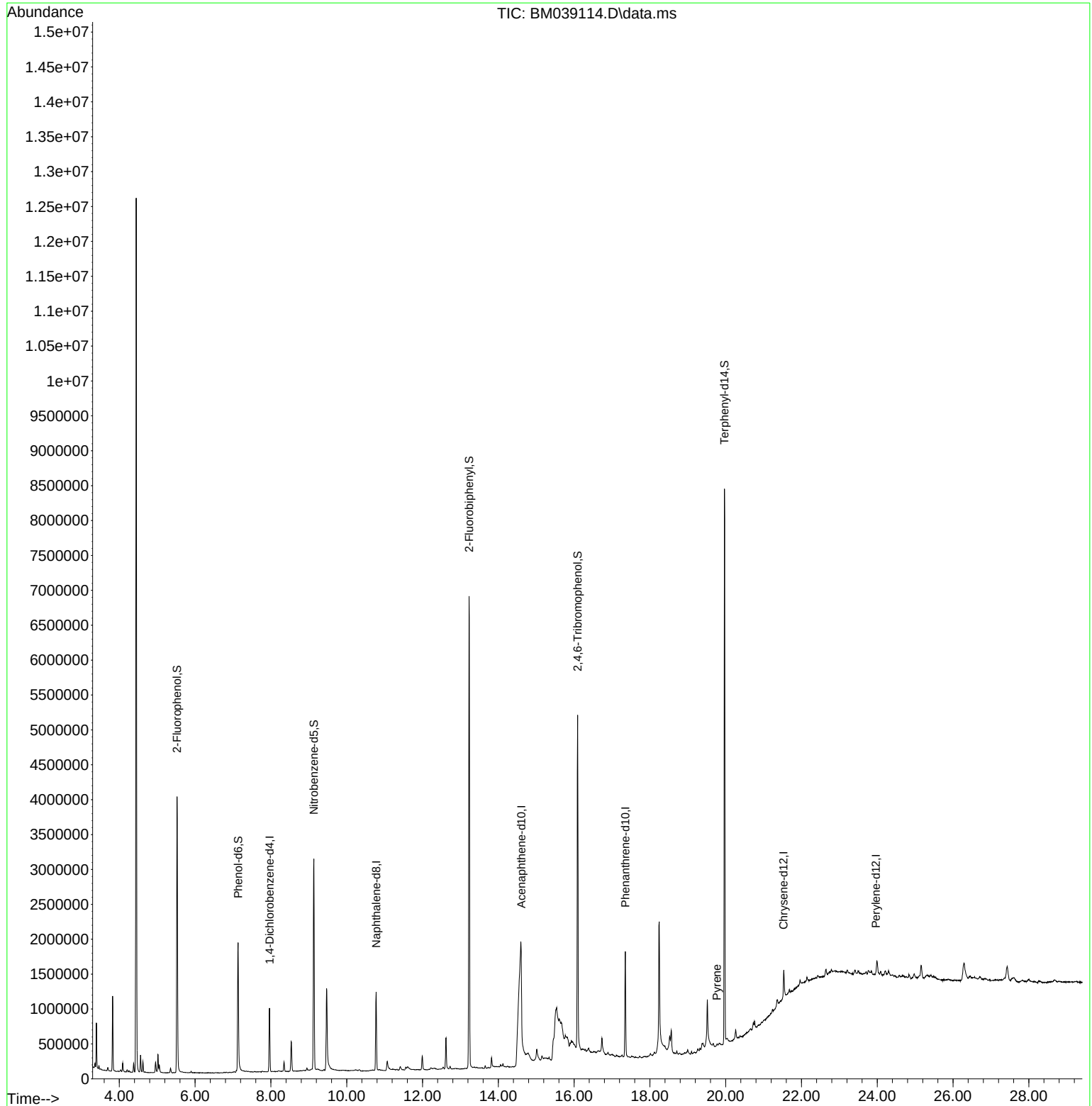
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	244236	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	925852	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	214594	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	733690	20.000	ng	0.00
76) Chrysene-d12	21.527	240	92000	20.000	ng	# 0.00
86) Perylene-d12	23.962	264	4094	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1850429	115.107	ng	0.00
7) Phenol-d6	7.134	99	1102138	52.783	ng	0.00
23) Nitrobenzene-d5	9.134	82	1762115	93.489	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	906575	365.185	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	3557045	215.782	ng	0.00
79) Terphenyl-d14	19.968	244	3038617	603.870	ng	0.00
Target Compounds						
78) Pyrene	19.768	202	17859	2.585	ng	Qvalue 94

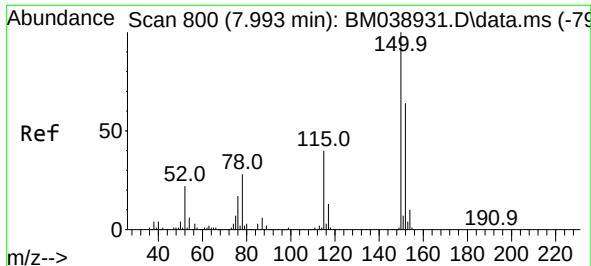
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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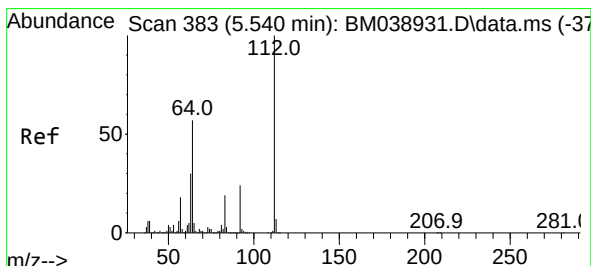
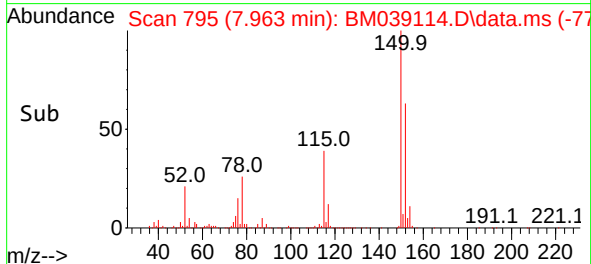
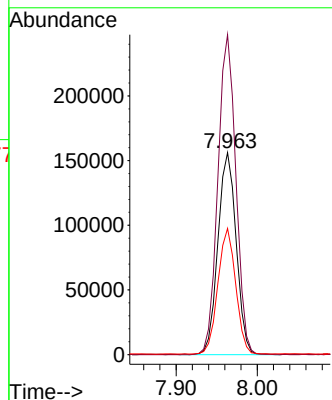
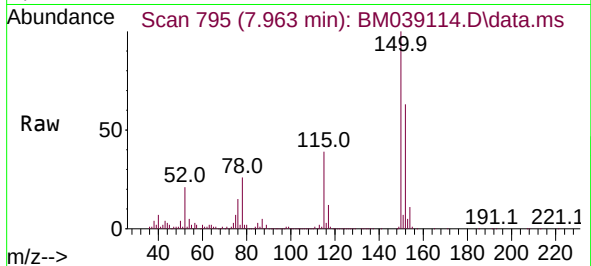




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039114.D
Acq: 23 Mar 2023 12:10

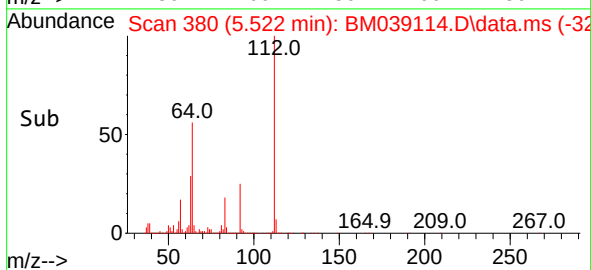
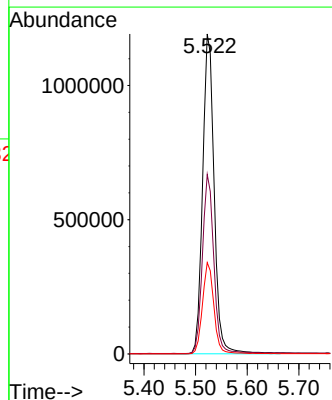
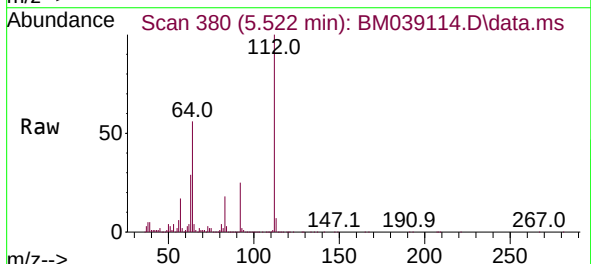
Instrument :
BNA_M
ClientSampleId :
IRV-2RE

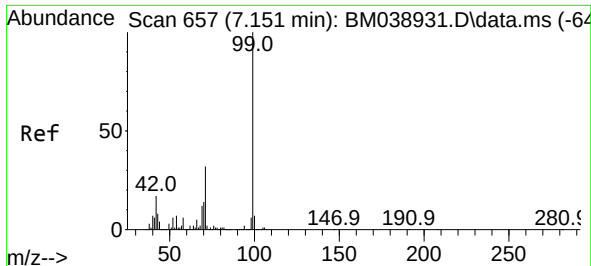
Tgt Ion:152 Resp: 244236
Ion Ratio Lower Upper
152 100
150 158.4 125.1 187.7
115 62.5 49.6 74.4



#5
2-Fluorophenol
Concen: 115.107 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039114.D
Acq: 23 Mar 2023 12:10

Tgt Ion:112 Resp: 1850429
Ion Ratio Lower Upper
112 100
64 56.1 45.9 68.9
63 28.5 23.8 35.8

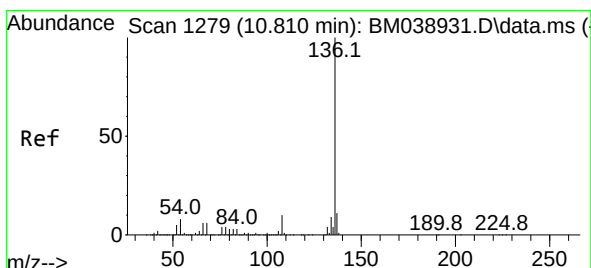
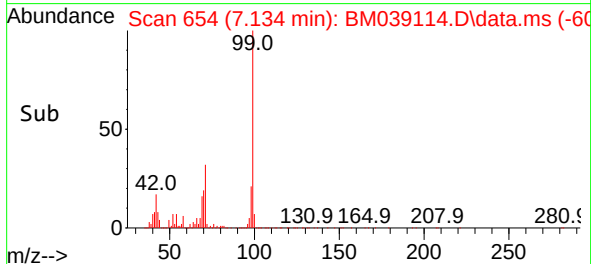
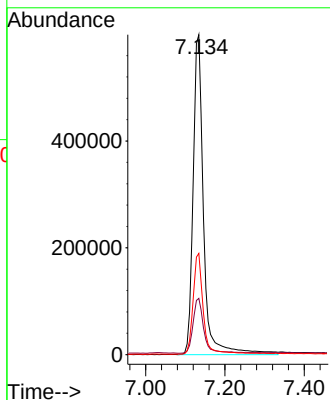
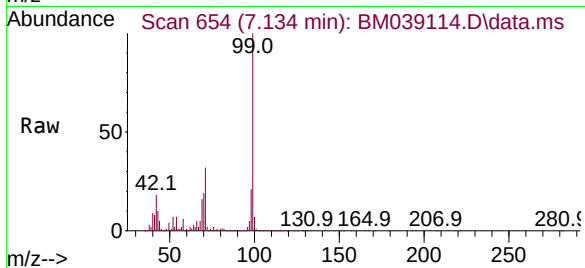




#7
Phenol-d6
Concen: 52.783 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039114.D
Acq: 23 Mar 2023 12:10

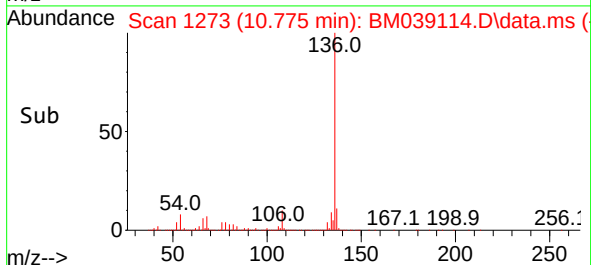
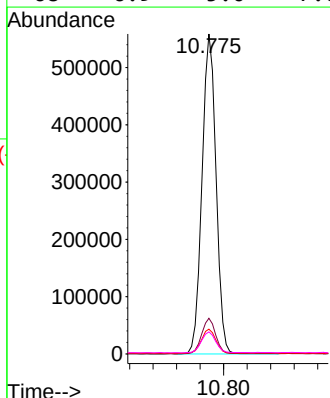
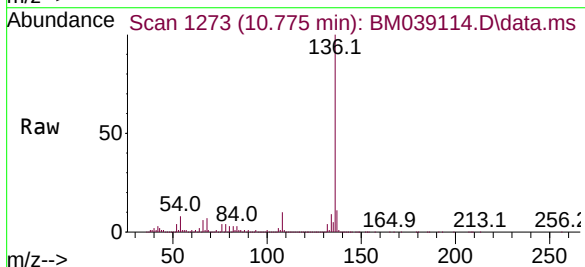
Instrument :
BNA_M
ClientSampleId :
IRV-2RE

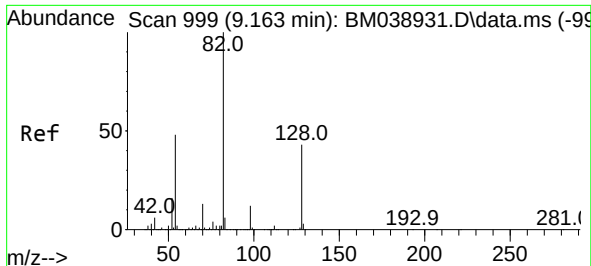
Tgt Ion: 99 Resp: 1102138
Ion Ratio Lower Upper
99 100
42 17.6 13.5 20.3
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039114.D
Acq: 23 Mar 2023 12:10

Tgt Ion: 136 Resp: 925852
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.3 9.5
68 6.9 5.0 7.6

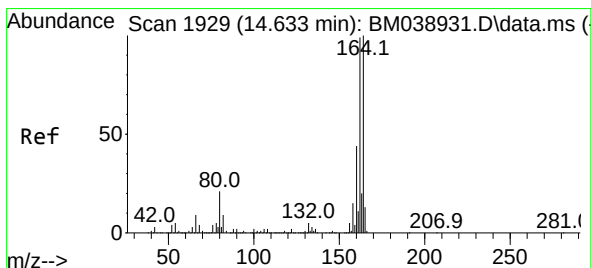
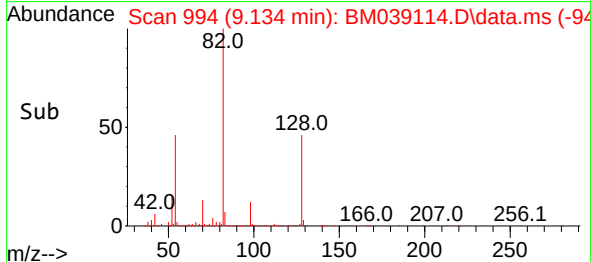
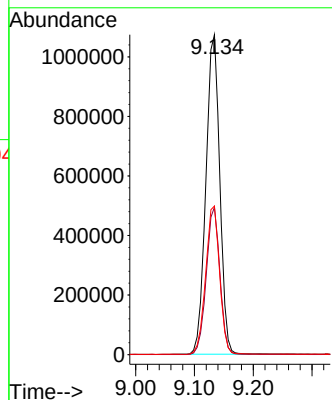
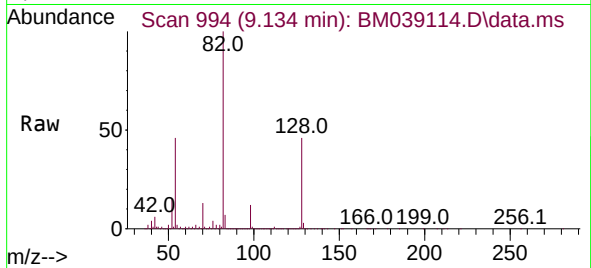




#23
Nitrobenzene-d5
Concen: 93.489 ng
RT: 9.134 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039114.D
Acq: 23 Mar 2023 12:10

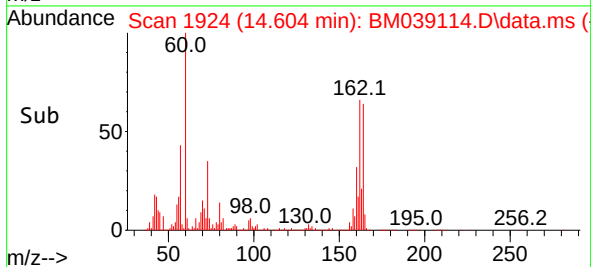
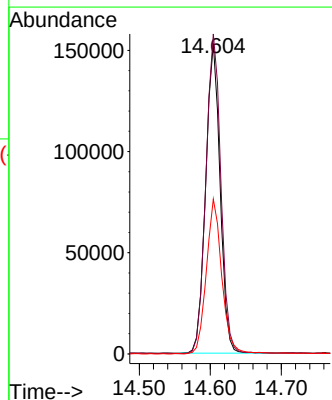
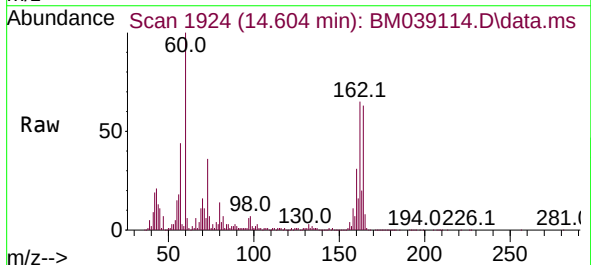
Instrument :
BNA_M
ClientSampleId :
IRV-2RE

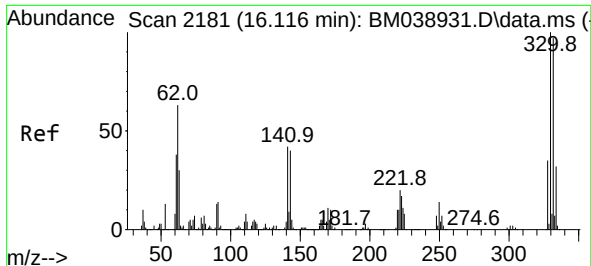
Tgt Ion: 82 Resp: 1762115
Ion Ratio Lower Upper
82 100
128 46.1 34.4 51.6
54 46.4 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039114.D
Acq: 23 Mar 2023 12:10

Tgt Ion: 164 Resp: 214594
Ion Ratio Lower Upper
164 100
162 103.1 79.2 118.8
160 49.9 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 365.185 ng

RT: 16.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039114.D

Acq: 23 Mar 2023 12:10

Instrument :

BNA_M

ClientSampleId :

IRV-2RE

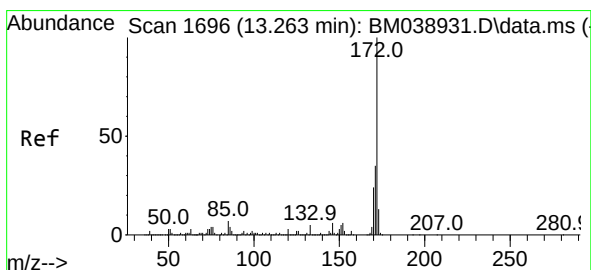
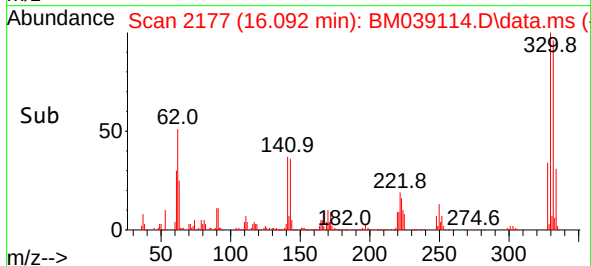
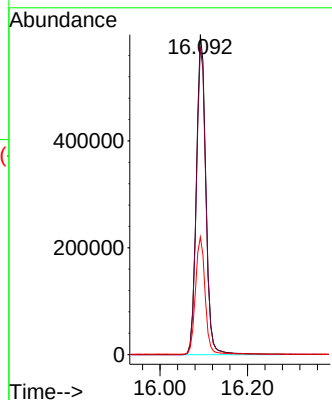
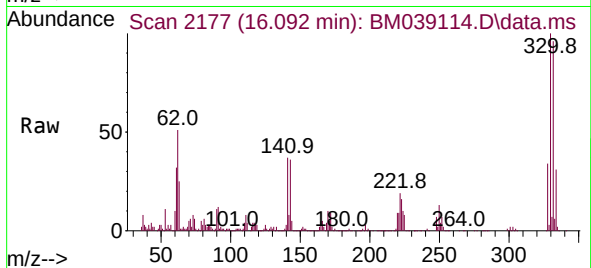
Tgt Ion:330 Resp: 906575

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 37.0 32.2 48.4



#45

2-Fluorobiphenyl

Concen: 215.782 ng

RT: 13.228 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM039114.D

Acq: 23 Mar 2023 12:10

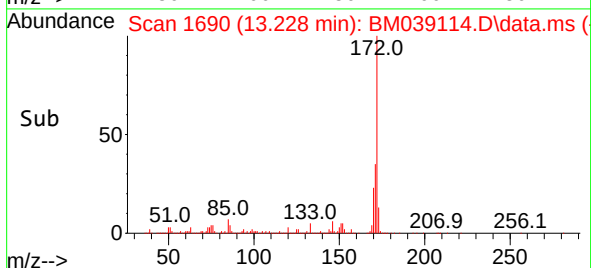
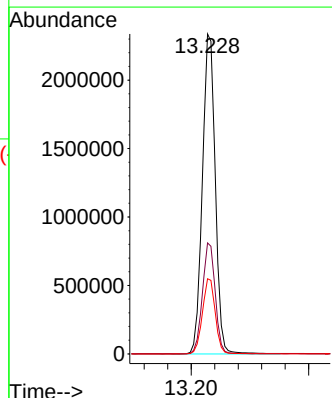
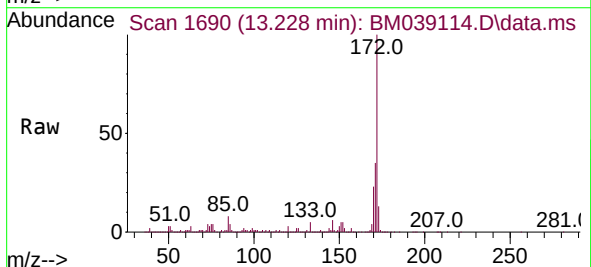
Tgt Ion:172 Resp: 3557045

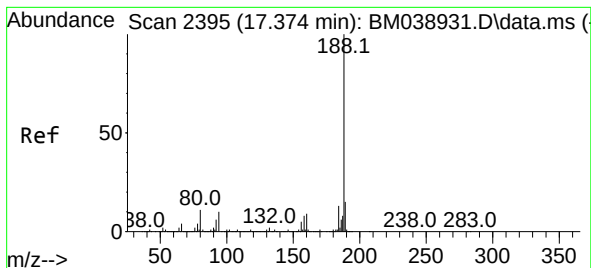
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.5 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: BM039114.D

Acq: 23 Mar 2023 12:10

Instrument :

BNA_M

ClientSampleId :

IRV-2RE

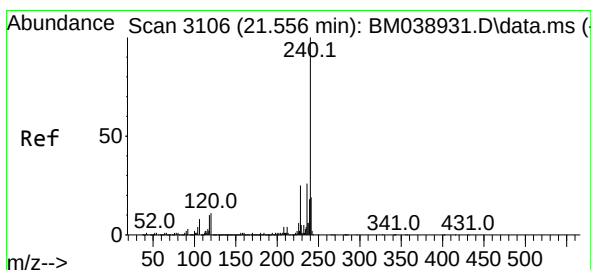
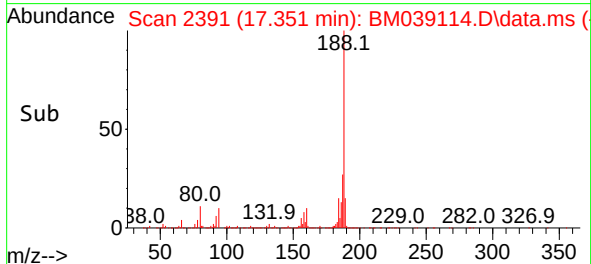
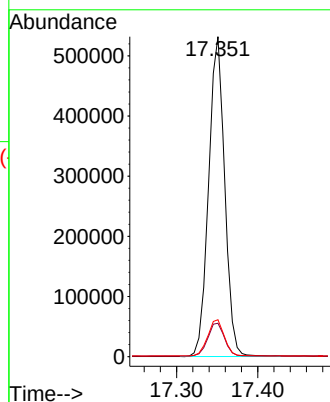
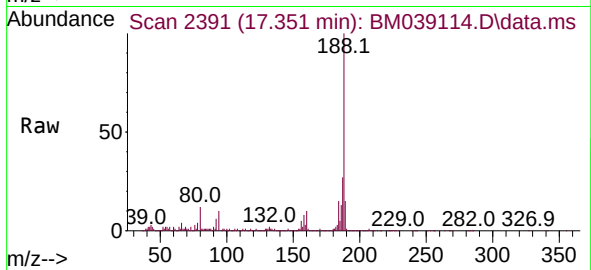
Tgt Ion:188 Resp: 733690

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.5 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: BM039114.D

Acq: 23 Mar 2023 12:10

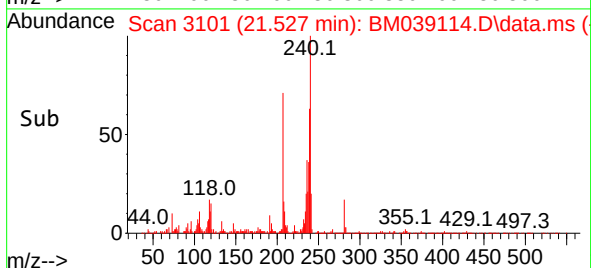
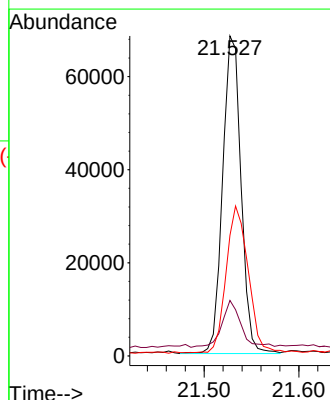
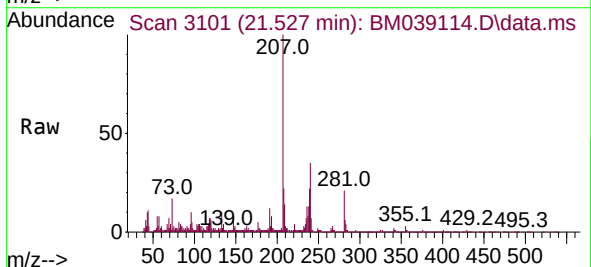
Tgt Ion:240 Resp: 92000

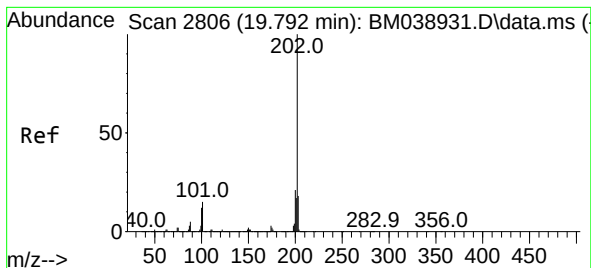
Ion Ratio Lower Upper

240 100

120 17.3 9.2 13.8#

236 37.7 20.8 31.2#





#78

Pyrene

Concen: 2.585 ng

RT: 19.768 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BM039114.D

Acq: 23 Mar 2023 12:10

Instrument :

BNA_M

ClientSampleId :

IRV-2RE

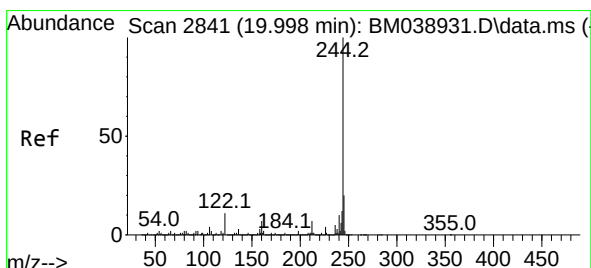
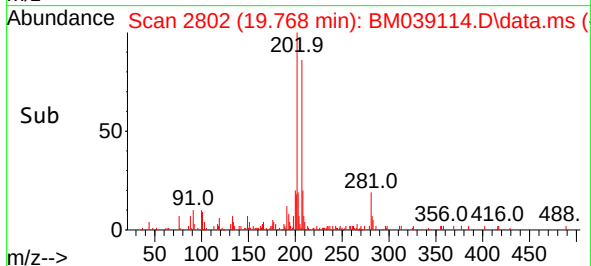
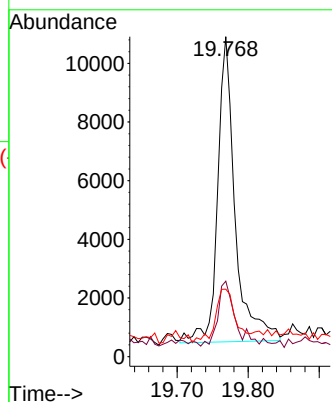
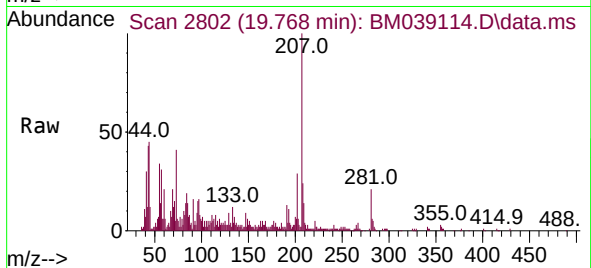
Tgt Ion:202 Resp: 17859

Ion Ratio Lower Upper

202 100

200 23.6 17.1 25.7

203 21.1 14.1 21.1



#79

Terphenyl-d14

Concen: 603.870 ng

RT: 19.968 min Scan# 2836

Delta R.T. 0.000 min

Lab File: BM039114.D

Acq: 23 Mar 2023 12:10

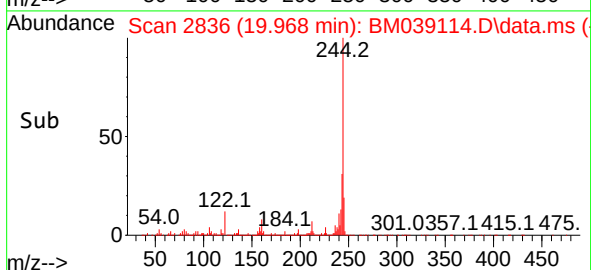
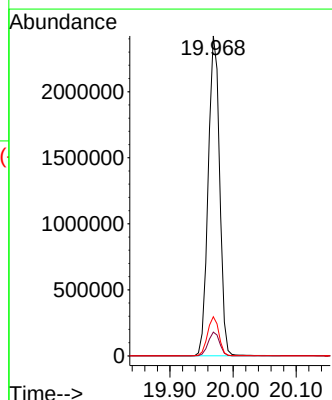
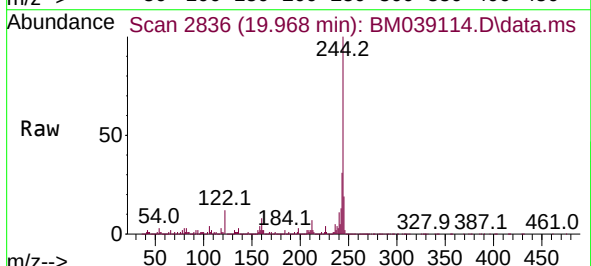
Tgt Ion:244 Resp: 3038617

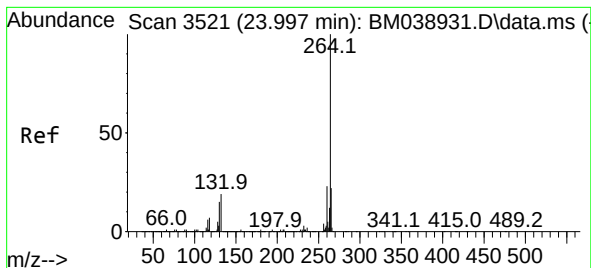
Ion Ratio Lower Upper

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# 31

Delta R.T. 0.000 min

Lab File: BM039114.D

Acq: 23 Mar 2023 12:10

Instrument :

BNA_M

ClientSampleId :

IRV-2RE

Tgt Ion:264 Resp: 4094

Ion Ratio Lower Upper

264 100

260 107.0 18.7 28.1#

265 278.7 17.9 26.9#

