

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039383.D
 Acq On : 10 Apr 2023 18:36
 Operator : CG/JU
 Sample : 02260-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1A

Quant Time: Apr 11 02:13:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 02:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	221282	20.000	ng	0.00
21) Naphthalene-d8	10.680	136	864981	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	473902	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	843091	20.000	ng	0.00
76) Chrysene-d12	21.462	240	680394	20.000	ng	0.00
86) Perylene-d12	23.844	264	787853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	924417	62.939	ng	0.00
7) Phenol-d6	7.039	99	1320478	69.509	ng	0.00
23) Nitrobenzene-d5	9.039	82	692183	38.893	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	331641	55.129	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1576736	45.080	ng	0.00
79) Terphenyl-d14	19.897	244	1725689	46.860	ng	0.00

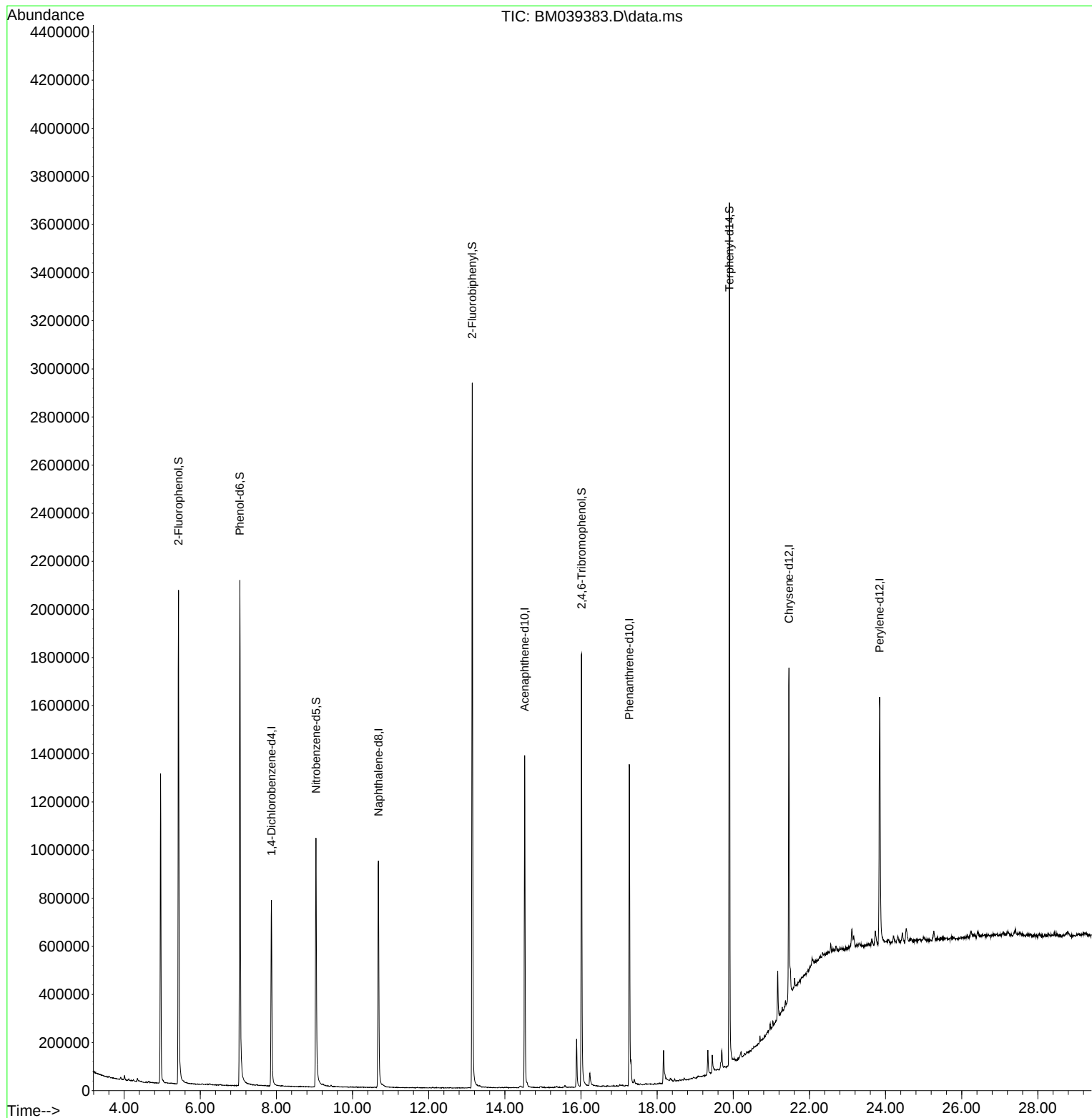
Target Compounds	Qvalue

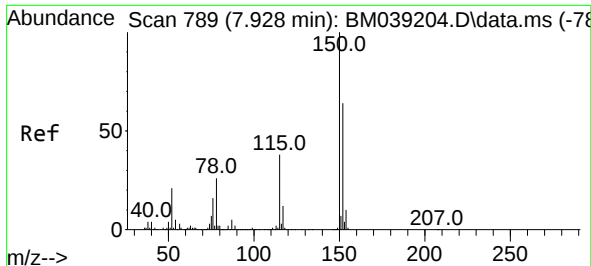
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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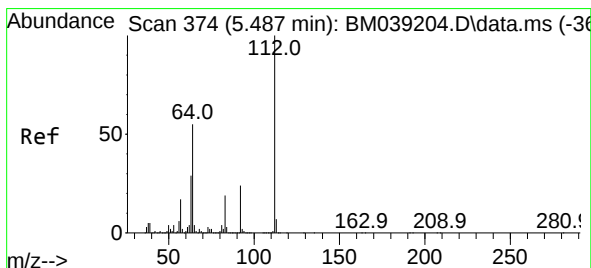
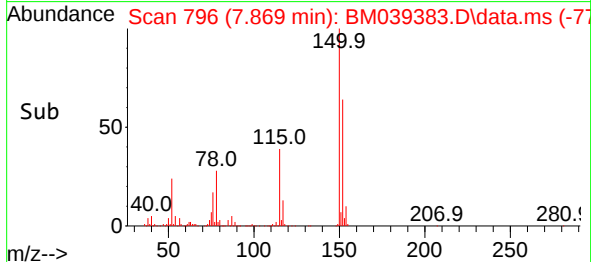
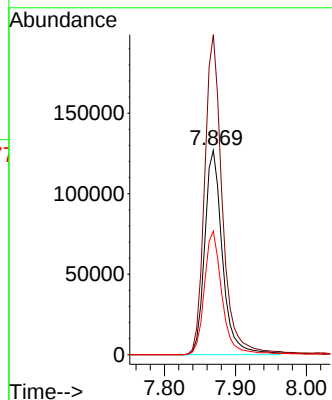
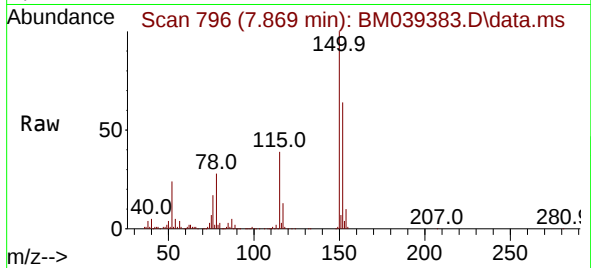




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM039383.D
Acq: 10 Apr 2023 18:36

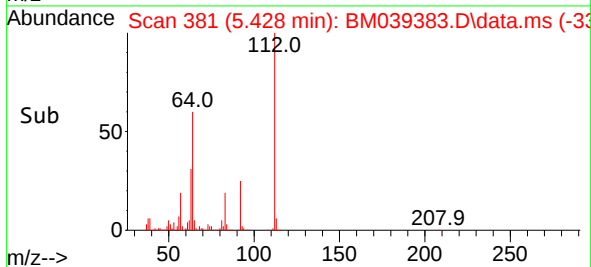
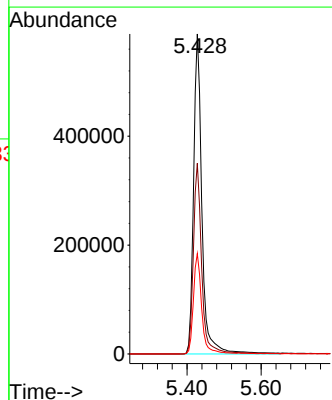
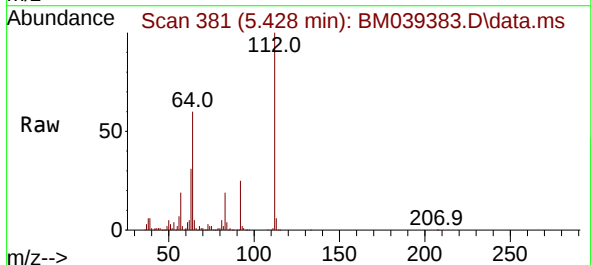
Instrument :
BNA_M
ClientSampleId :
SP-1A

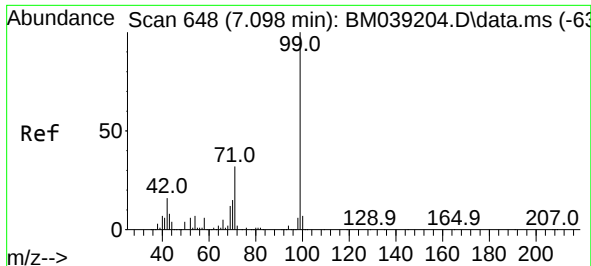
Tgt Ion:152 Resp: 221282
Ion Ratio Lower Upper
152 100
150 156.6 125.5 188.3
115 60.4 48.1 72.1



#5
2-Fluorophenol
Concen: 62.939 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM039383.D
Acq: 10 Apr 2023 18:36

Tgt Ion:112 Resp: 924417
Ion Ratio Lower Upper
112 100
64 59.6 44.3 66.5
63 31.3 23.0 34.6

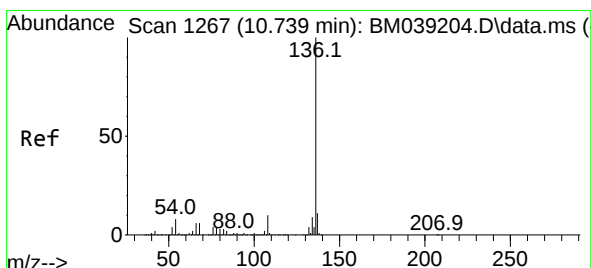
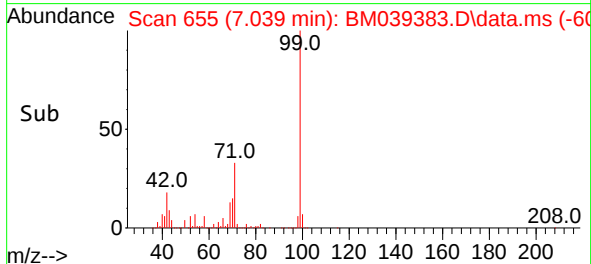
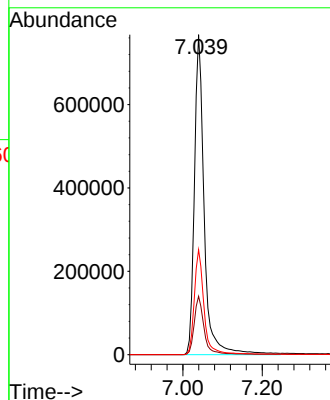
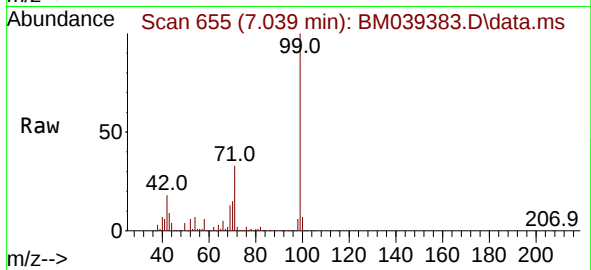




#7
Phenol-d6
Concen: 69.509 ng
RT: 7.039 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039383.D
Acq: 10 Apr 2023 18:36

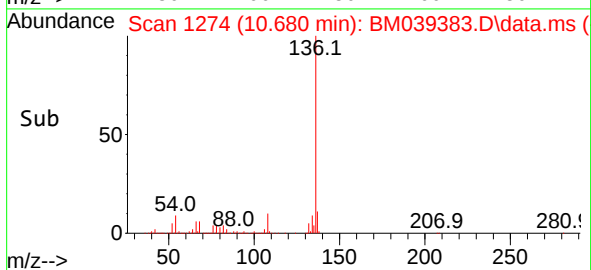
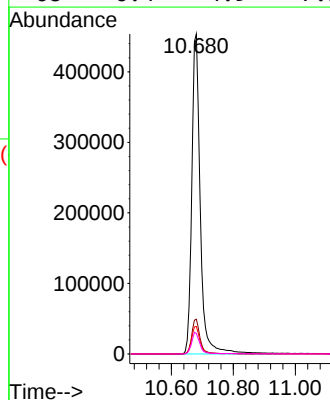
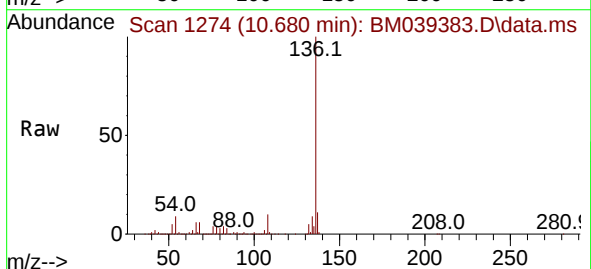
Instrument :
BNA_M
ClientSampleId :
SP-1A

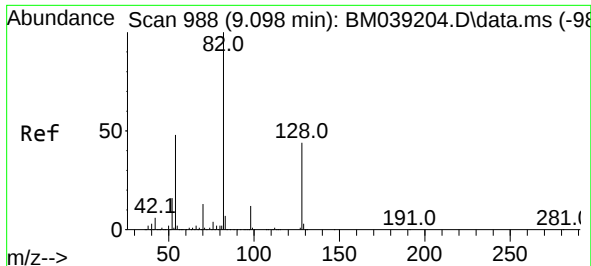
Tgt Ion: 99 Resp: 1320478
Ion Ratio Lower Upper
99 100
42 18.2 13.0 19.6
71 32.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.680 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039383.D
Acq: 10 Apr 2023 18:36

Tgt Ion: 136 Resp: 864981
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.6 6.2 9.4
68 6.4 4.9 7.3

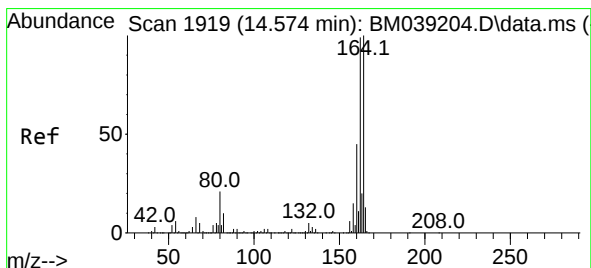
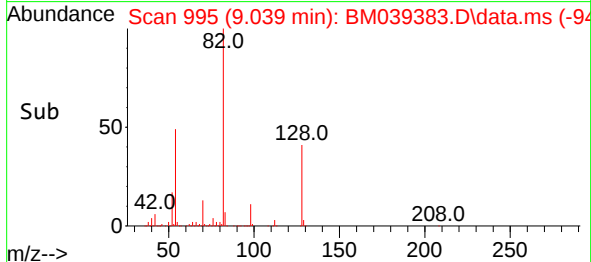
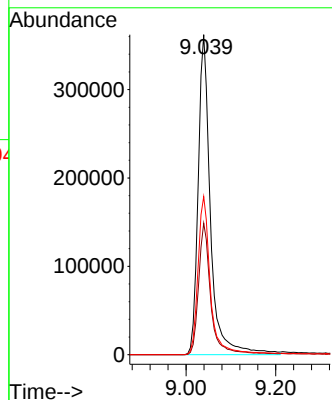
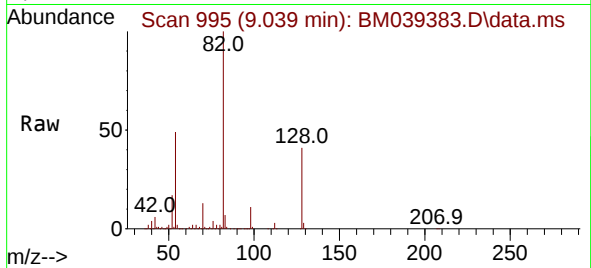




#23
Nitrobenzene-d5
Concen: 38.893 ng
RT: 9.039 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039383.D
Acq: 10 Apr 2023 18:36

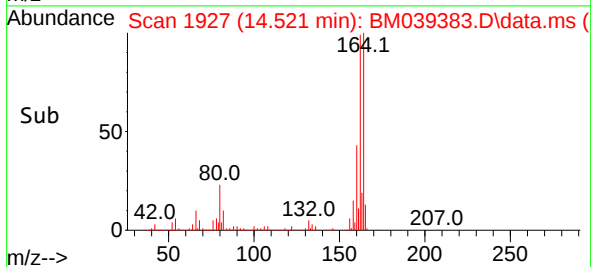
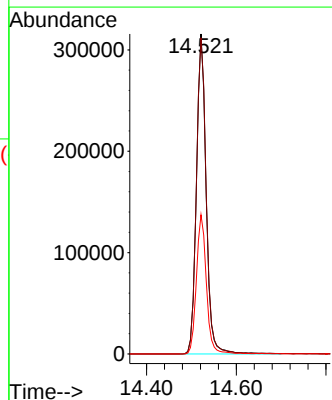
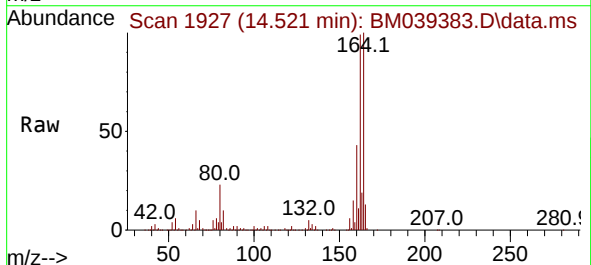
Instrument :
BNA_M
ClientSampleId :
SP-1A

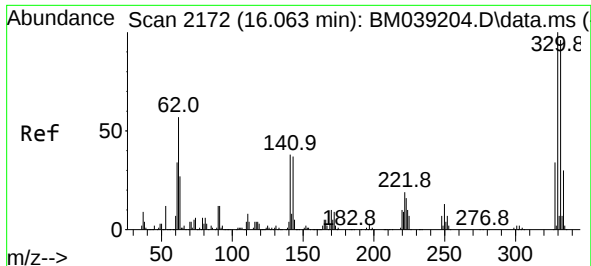
Tgt Ion: 82 Resp: 692183
Ion Ratio Lower Upper
82 100
128 41.1 35.1 52.7
54 49.4 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM039383.D
Acq: 10 Apr 2023 18:36

Tgt Ion: 164 Resp: 473902
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 43.5 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 55.129 ng

RT: 16.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039383.D

Acq: 10 Apr 2023 18:36

Instrument :

BNA_M

ClientSampleId :

SP-1A

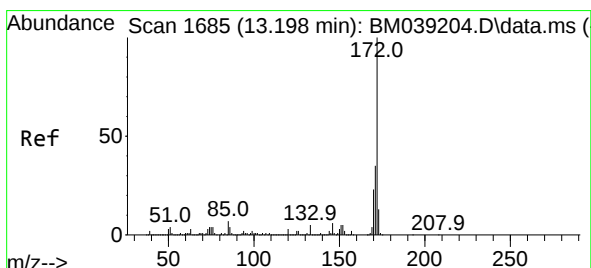
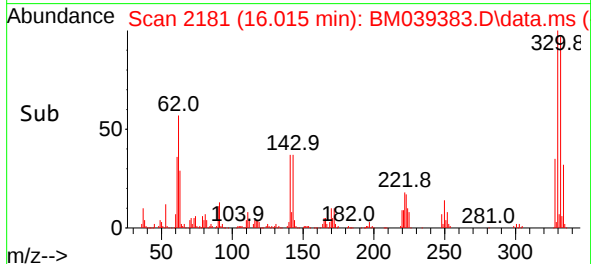
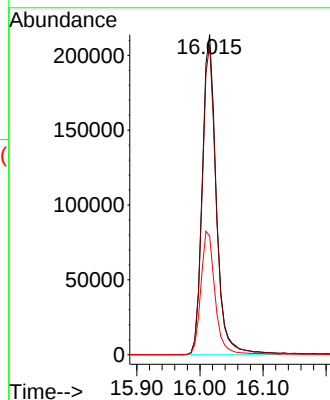
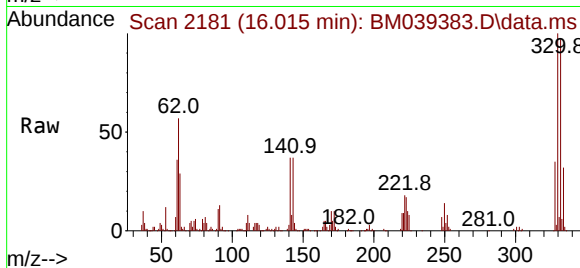
Tgt Ion:330 Resp: 331641

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 39.2 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 45.080 ng

RT: 13.145 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BM039383.D

Acq: 10 Apr 2023 18:36

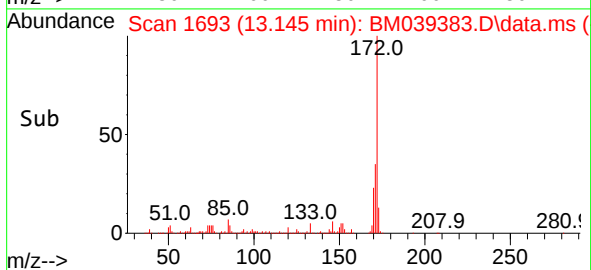
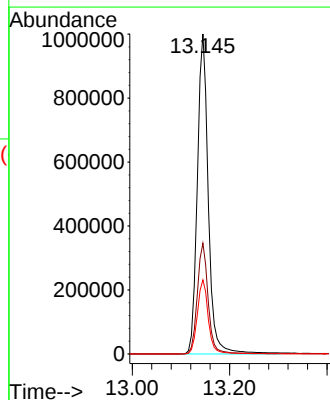
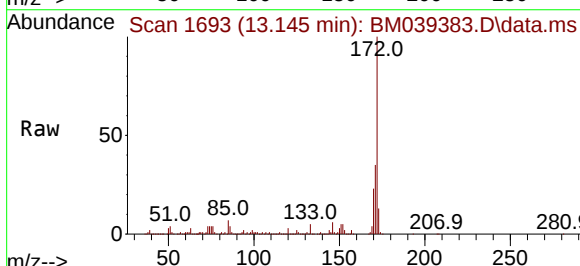
Tgt Ion:172 Resp: 1576736

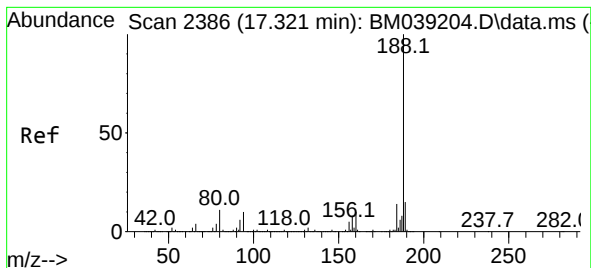
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039383.D

Acq: 10 Apr 2023 18:36

Instrument :

BNA_M

ClientSampleId :

SP-1A

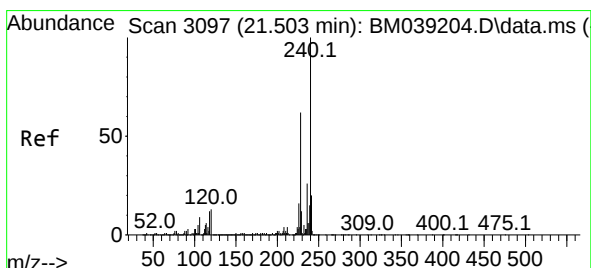
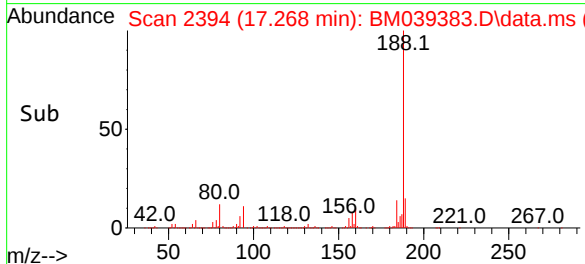
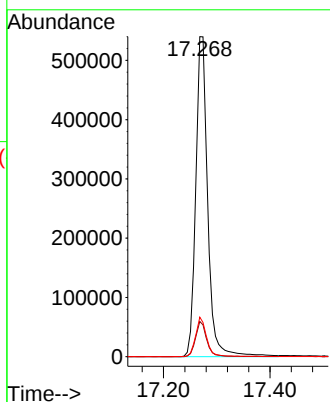
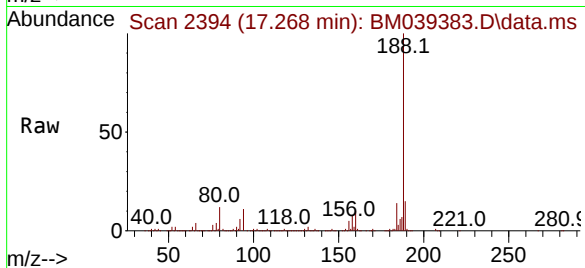
Tgt Ion:188 Resp: 843091

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

80 12.3 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3107

Delta R.T. -0.000 min

Lab File: BM039383.D

Acq: 10 Apr 2023 18:36

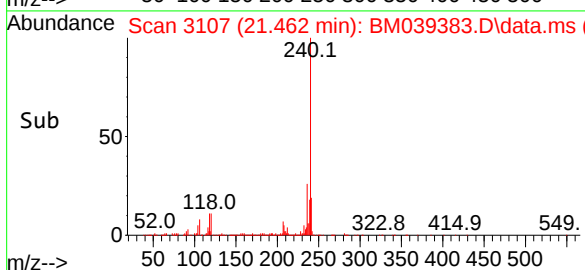
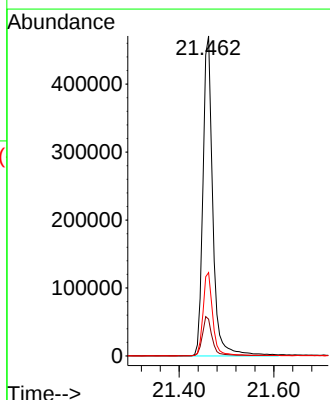
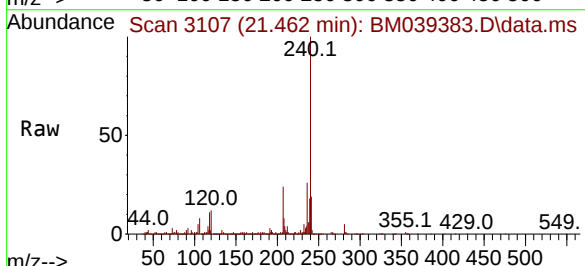
Tgt Ion:240 Resp: 680394

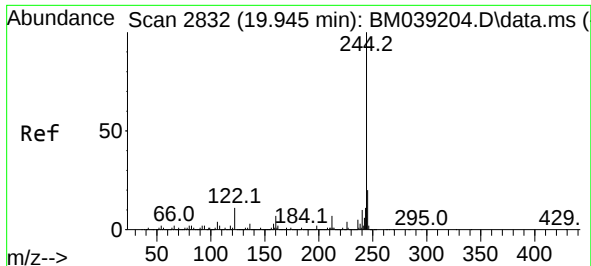
Ion Ratio Lower Upper

240 100

120 11.5 10.2 15.2

236 26.1 20.9 31.3

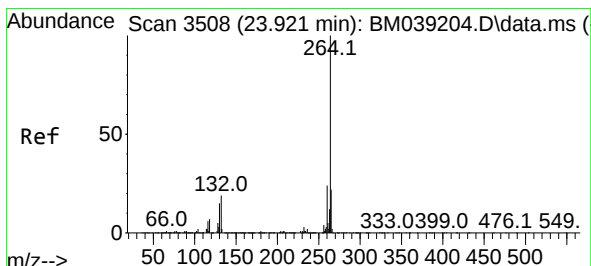
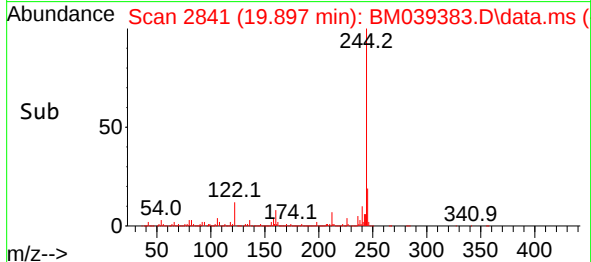
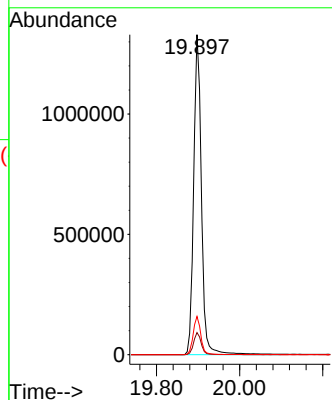
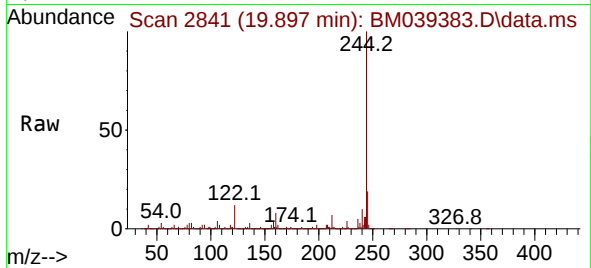




#79
 Terphenyl-d14
 Concen: 46.860 ng
 RT: 19.897 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BM039383.D
 Acq: 10 Apr 2023 18:36

Instrument :
 BNA_M
 ClientSampleId :
 SP-1A

Tgt Ion:244 Resp: 1725689
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. -0.000 min
 Lab File: BM039383.D
 Acq: 10 Apr 2023 18:36

Tgt Ion:264 Resp: 787853
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.4 18.1 27.1

