

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039381.D
 Acq On : 10 Apr 2023 17:20
 Operator : CG/JU
 Sample : 02243-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-1714

Quant Time: Apr 11 02:12:50 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	195604	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	750657	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	406770	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	747366	20.000	ng	0.00
76) Chrysene-d12	21.457	240	644147	20.000	ng	0.00
86) Perylene-d12	23.845	264	753526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	449420	34.616	ng	0.00
7) Phenol-d6	7.040	99	787214	46.878	ng	0.00
23) Nitrobenzene-d5	9.040	82	665784	43.107	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	129589	25.097	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1462418	48.712	ng	0.00
79) Terphenyl-d14	19.898	244	1884430	54.050	ng	0.00

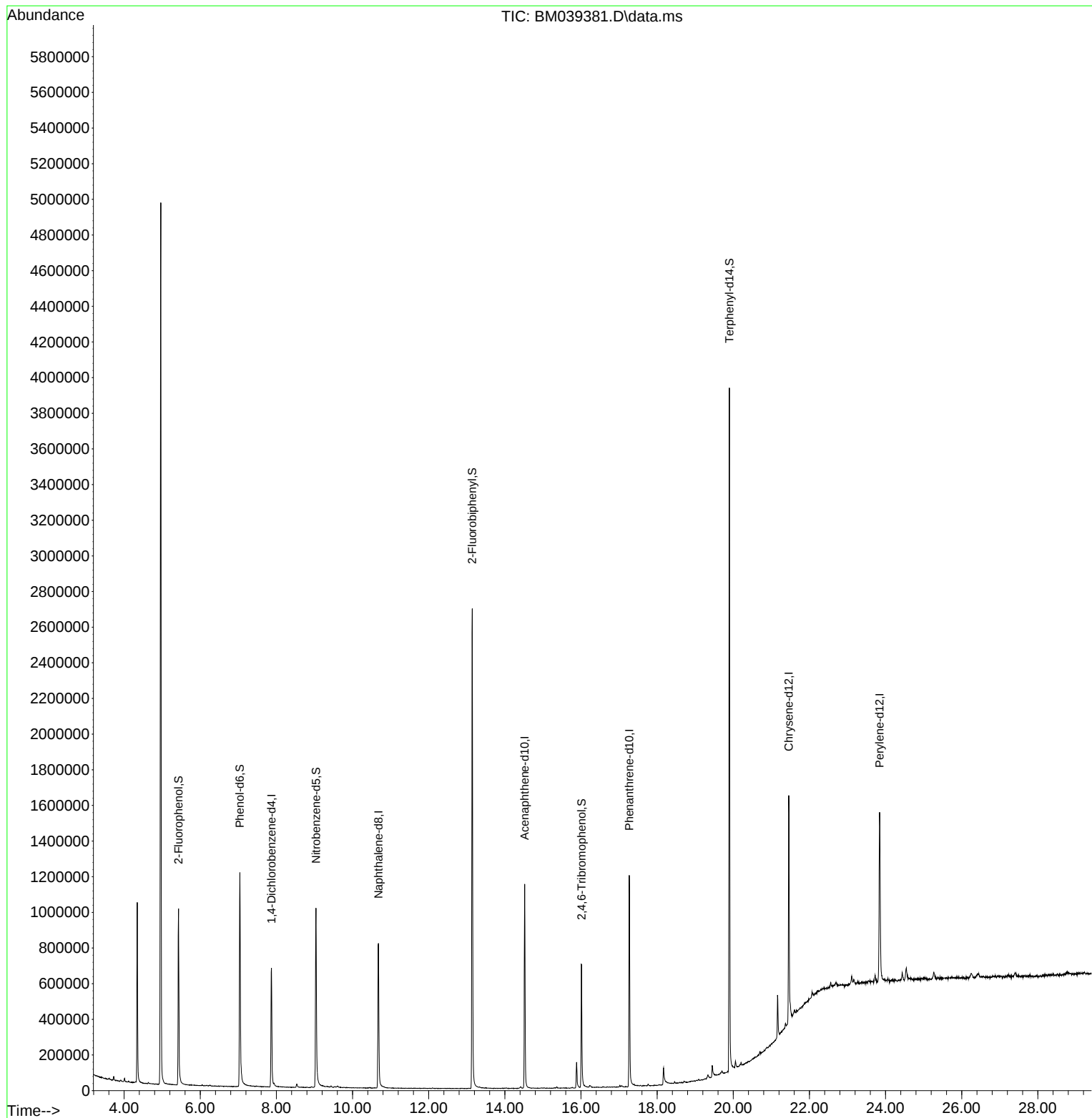
Target Compounds	Qvalue

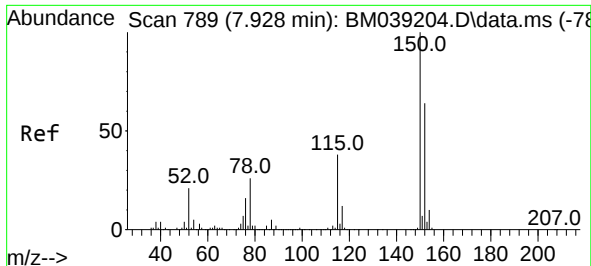
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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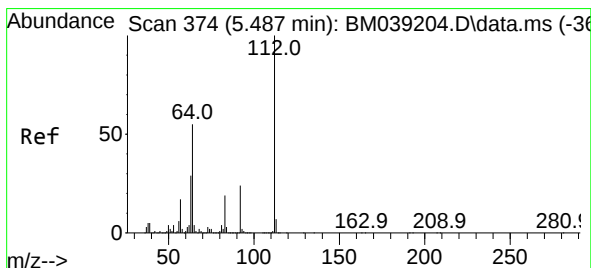
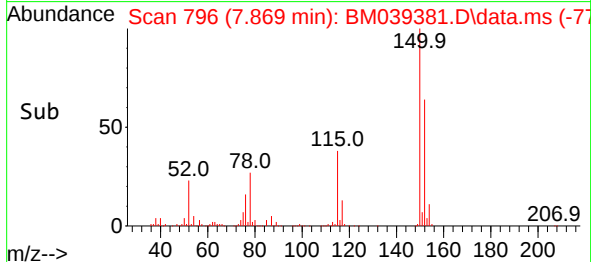
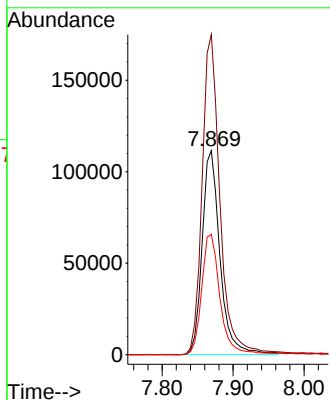
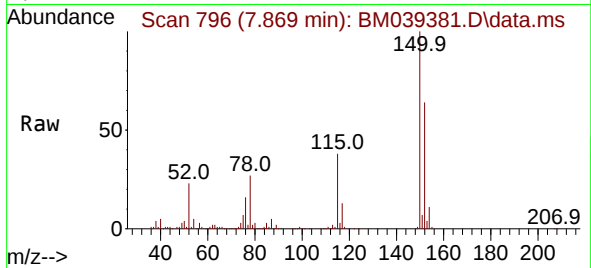




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 796
Delta R.T. 0.000 min
Lab File: BM039381.D
Acq: 10 Apr 2023 17:20

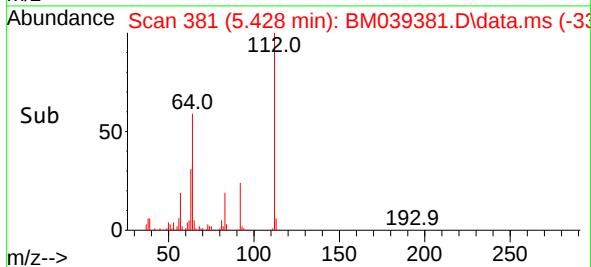
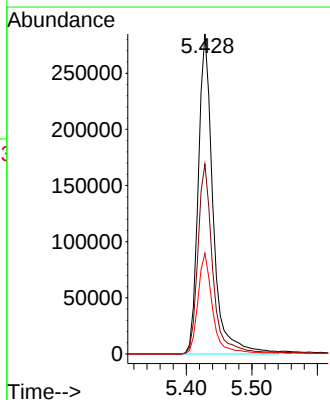
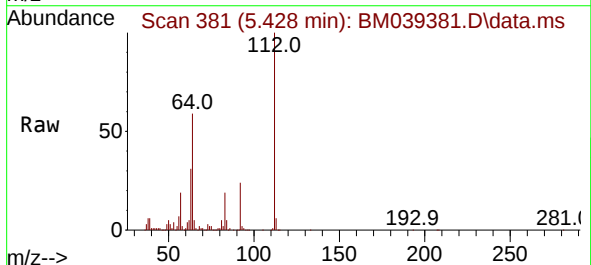
Instrument :
BNA_M
ClientSampleId :
RT-1714

Tgt Ion:152 Resp: 195604
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 59.0 48.1 72.1



#5
2-Fluorophenol
Concen: 34.616 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039381.D
Acq: 10 Apr 2023 17:20

Tgt Ion:112 Resp: 449420
Ion Ratio Lower Upper
112 100
64 59.4 44.3 66.5
63 31.4 23.0 34.6

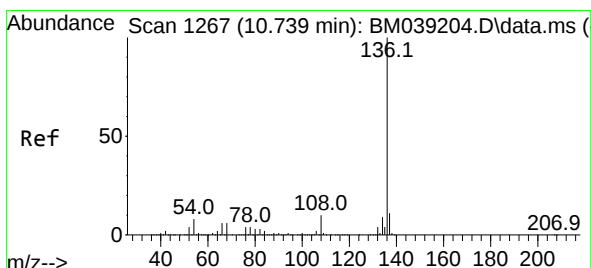
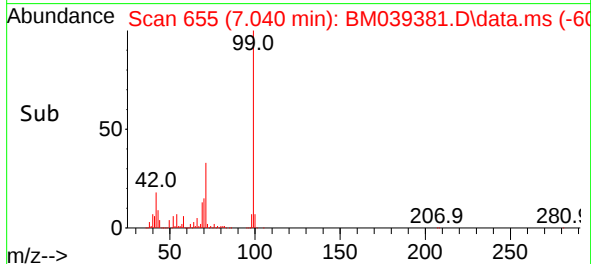
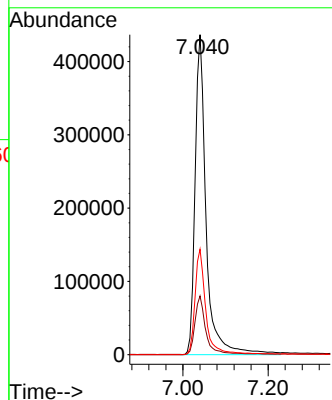
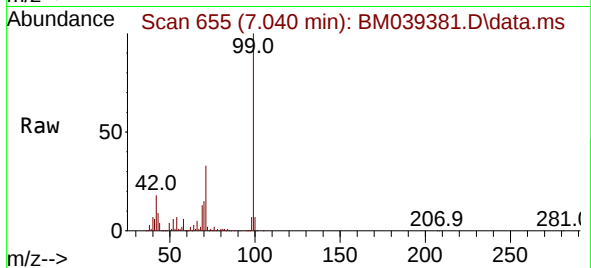




#7
Phenol-d6
Concen: 46.878 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039381.D
Acq: 10 Apr 2023 17:20

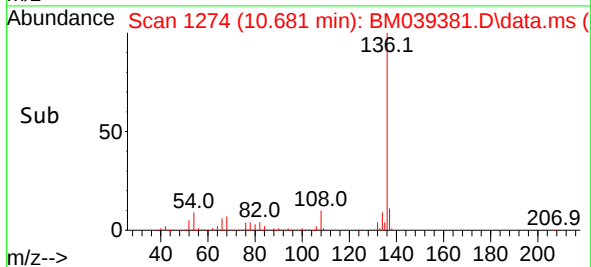
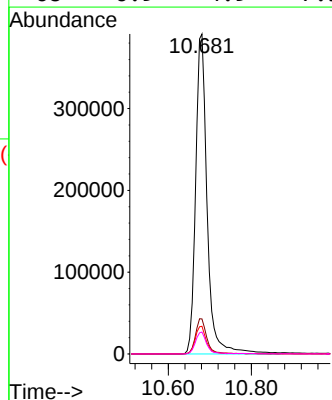
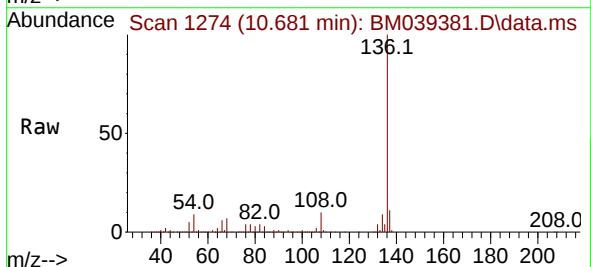
Instrument :
BNA_M
ClientSampleId :
RT-1714

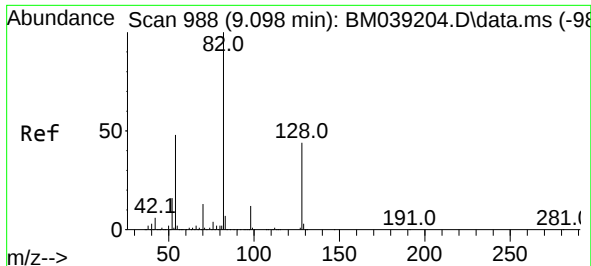
Tgt Ion: 99 Resp: 787214
Ion Ratio Lower Upper
99 100
42 18.3 13.0 19.6
71 33.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039381.D
Acq: 10 Apr 2023 17:20

Tgt Ion: 136 Resp: 750657
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.6 6.2 9.4
68 6.9 4.9 7.3

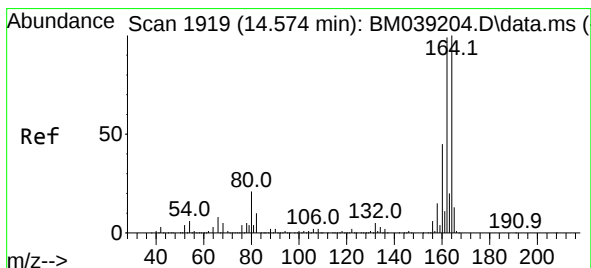
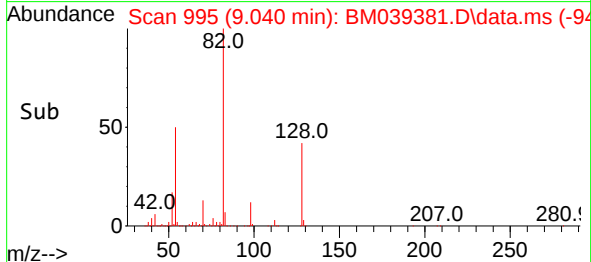
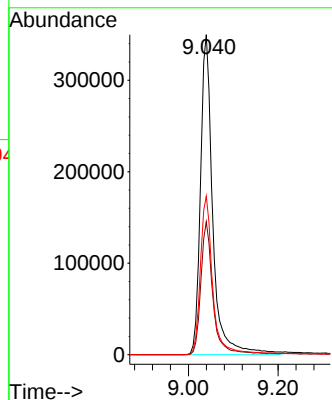
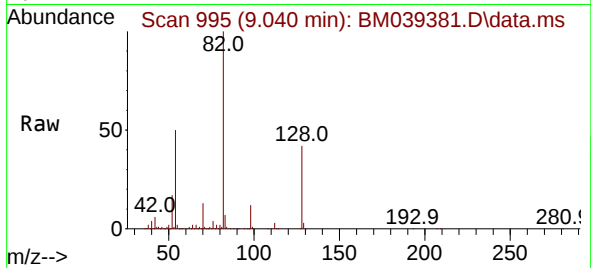




#23
Nitrobenzene-d5
Concen: 43.107 ng
RT: 9.040 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039381.D
Acq: 10 Apr 2023 17:20

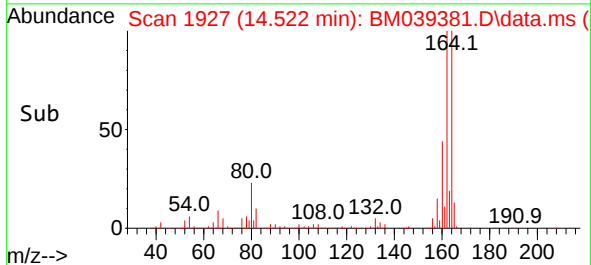
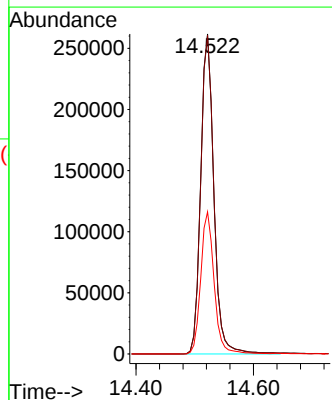
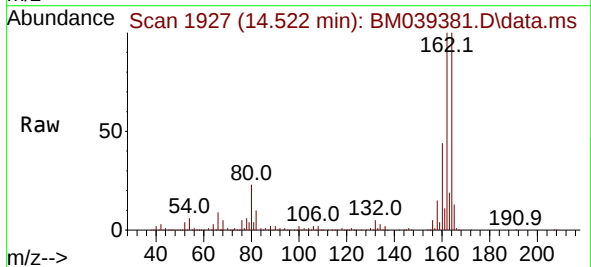
Instrument :
BNA_M
ClientSampleId :
RT-1714

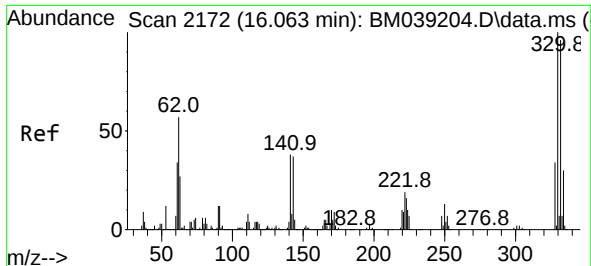
Tgt Ion: 82 Resp: 665784
Ion Ratio Lower Upper
82 100
128 41.5 35.1 52.7
54 49.6 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM039381.D
Acq: 10 Apr 2023 17:20

Tgt Ion: 164 Resp: 406770
Ion Ratio Lower Upper
164 100
162 99.6 79.1 118.7
160 44.4 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 25.097 ng

RT: 16.016 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039381.D

Acq: 10 Apr 2023 17:20

Instrument :

BNA_M

ClientSampleId :

RT-1714

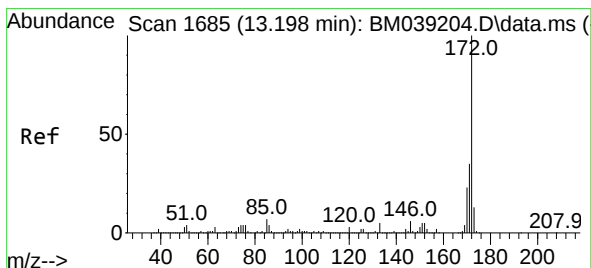
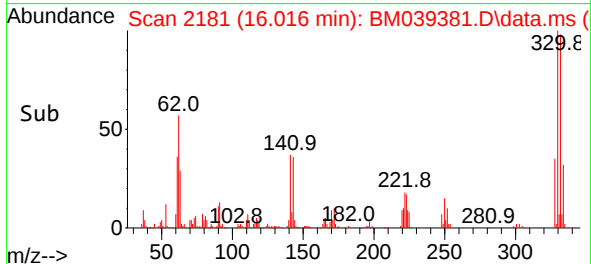
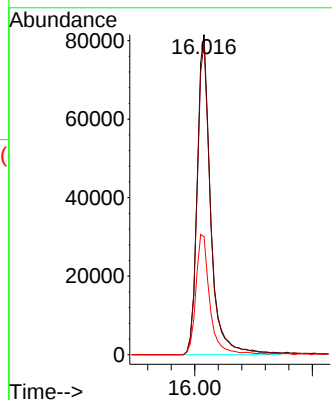
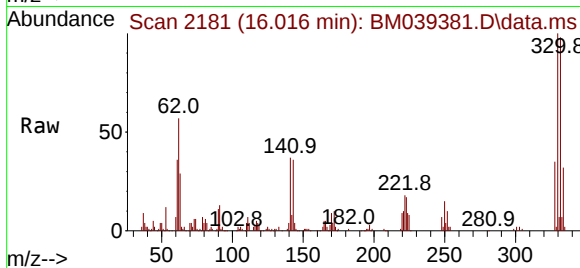
Tgt Ion:330 Resp: 129589

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.0

141 39.1 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 48.712 ng

RT: 13.145 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BM039381.D

Acq: 10 Apr 2023 17:20

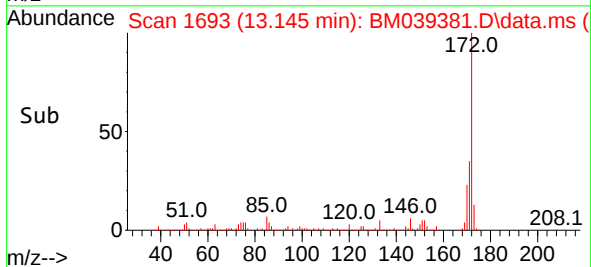
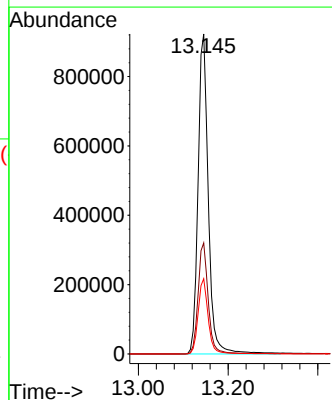
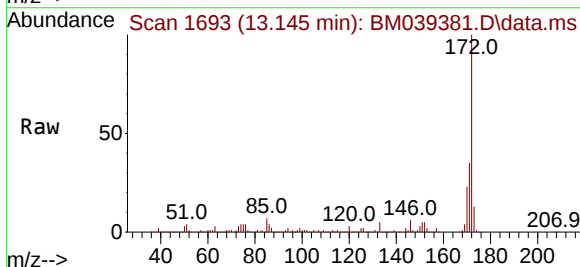
Tgt Ion:172 Resp: 1462418

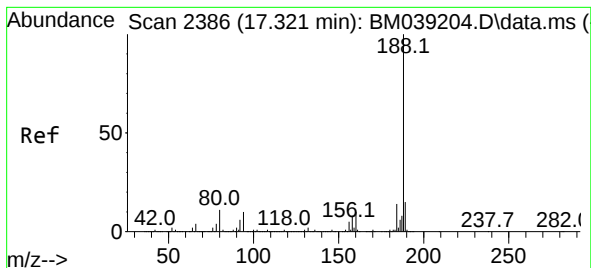
Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039381.D

Acq: 10 Apr 2023 17:20

Instrument :

BNA_M

ClientSampleId :

RT-1714

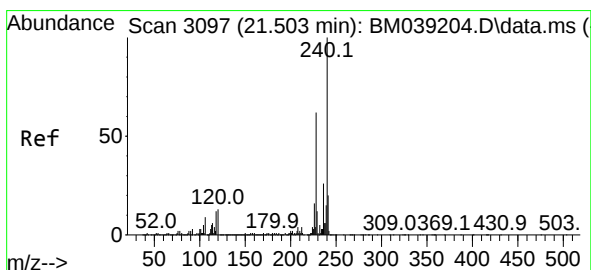
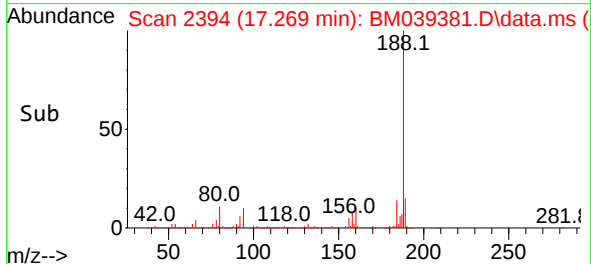
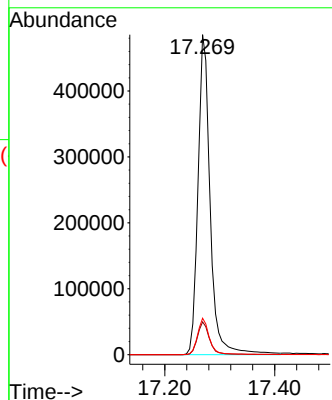
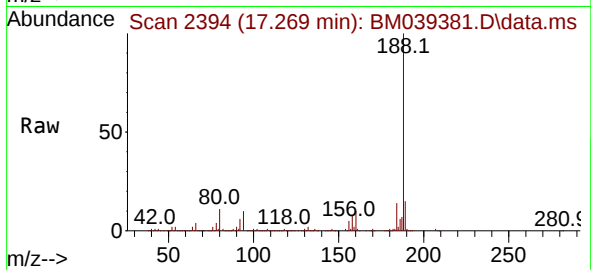
Tgt Ion:188 Resp: 747366

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 11.4 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039381.D

Acq: 10 Apr 2023 17:20

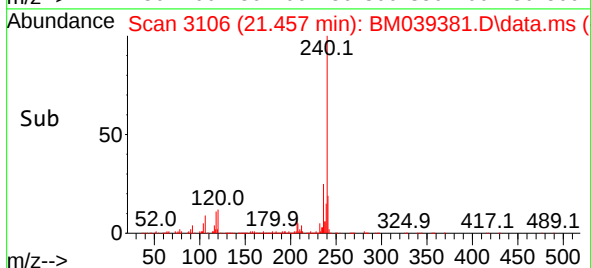
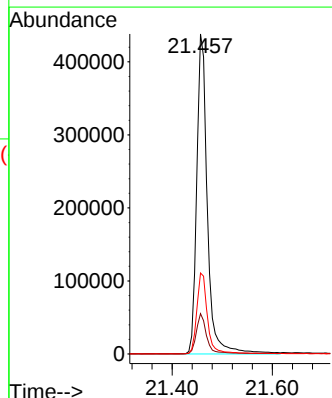
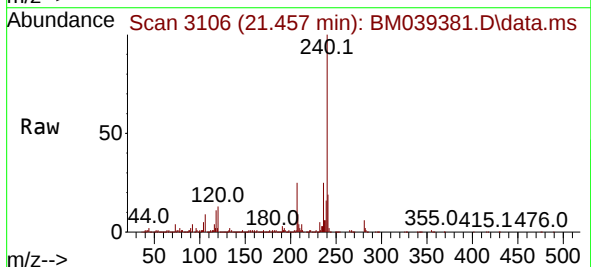
Tgt Ion:240 Resp: 644147

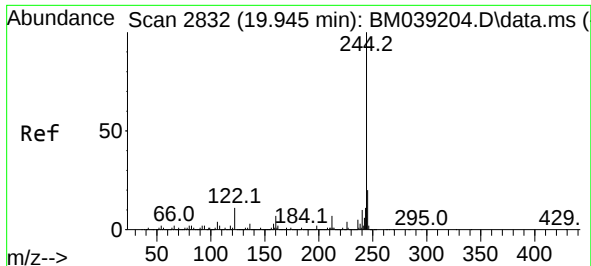
Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.2

236 25.3 20.9 31.3

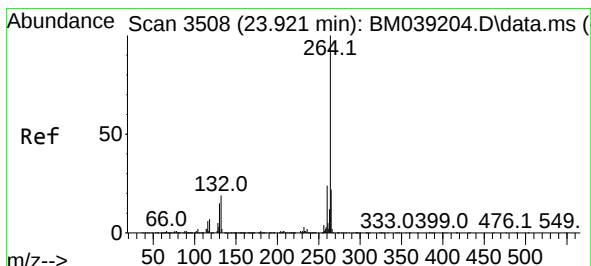
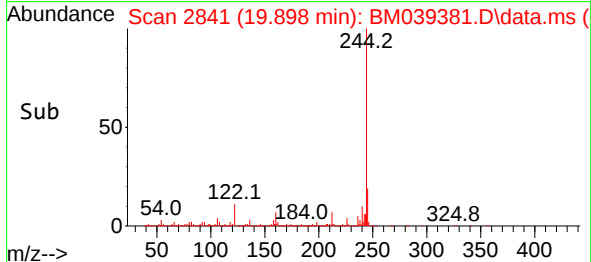
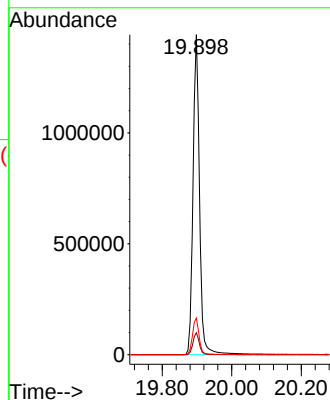
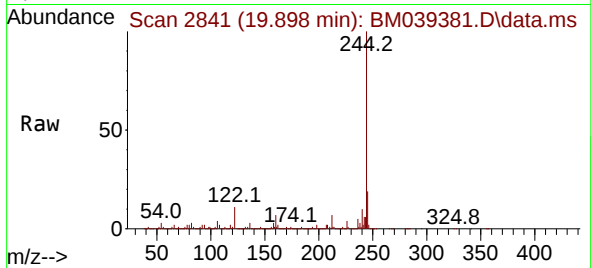




#79
 Terphenyl-d14
 Concen: 54.050 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039381.D
 Acq: 10 Apr 2023 17:20

Instrument :
 BNA_M
 ClientSampleId :
 RT-1714

Tgt Ion:244 Resp: 1884430
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.5 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.845 min Scan# 3512
 Delta R.T. 0.000 min
 Lab File: BM039381.D
 Acq: 10 Apr 2023 17:20

Tgt Ion:264 Resp: 753526
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 22.2 18.1 27.1

