

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039377.D
 Acq On : 10 Apr 2023 14:49
 Operator : CG/JU
 Sample : 02260-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1D

Quant Time: Apr 11 02:10:24 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	234380	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	948630	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	579192	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1146453	20.000	ng	0.00
76) Chrysene-d12	21.456	240	790967	20.000	ng	0.00
86) Perylene-d12	23.844	264	770289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1467813	94.352	ng	0.00
7) Phenol-d6	7.040	99	2000381	99.415	ng	0.00
23) Nitrobenzene-d5	9.040	82	1078384	55.250	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	646262	87.900	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2383136	55.749	ng	0.00
79) Terphenyl-d14	19.898	244	2919849	68.202	ng	0.00

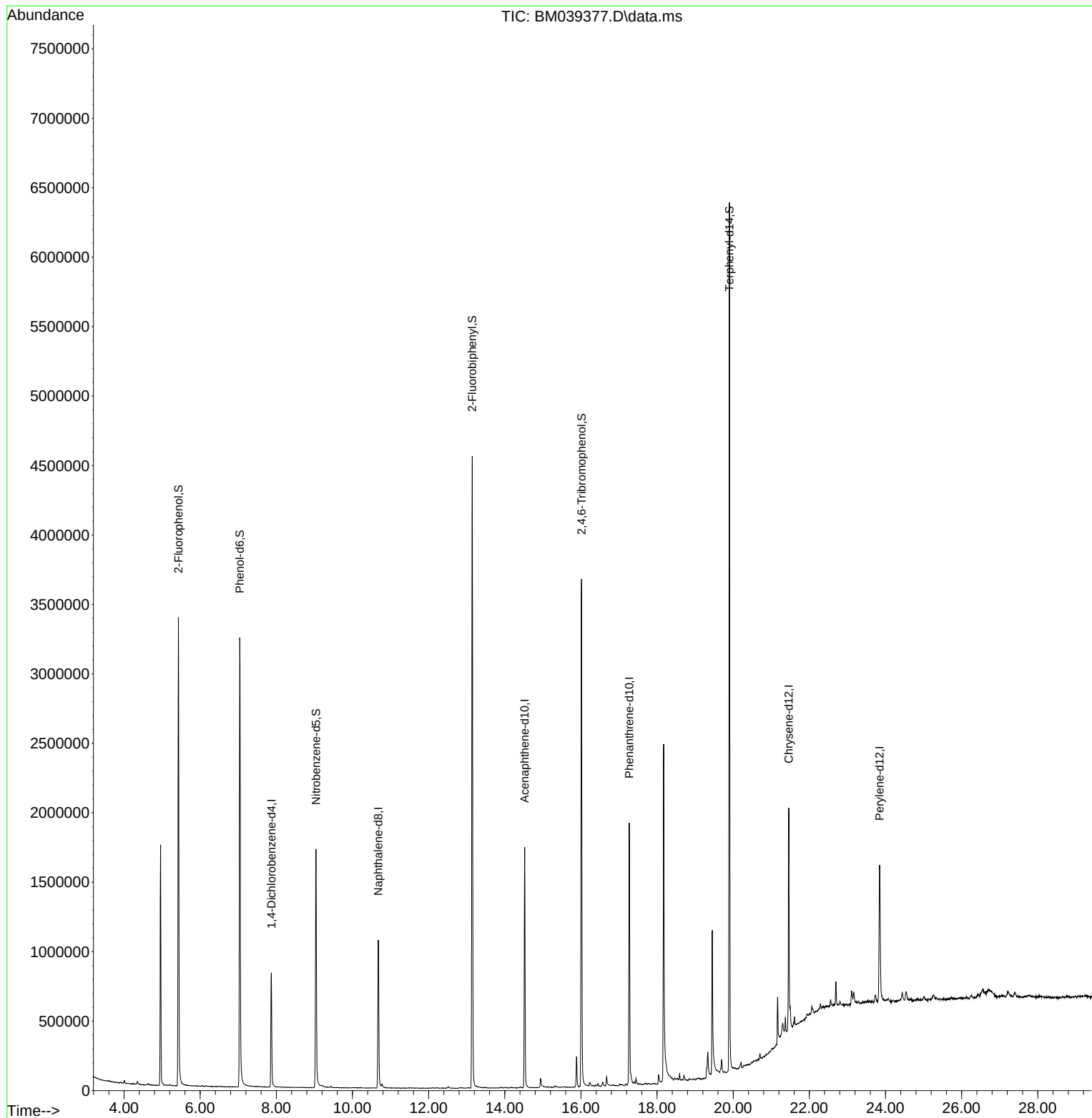
Target Compounds	Qvalue

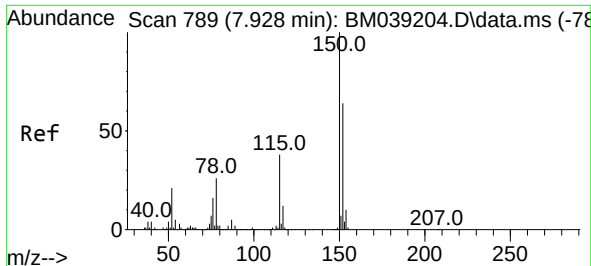
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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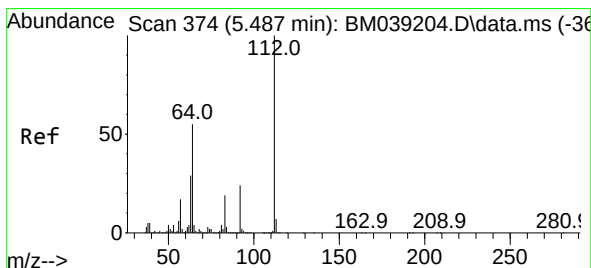
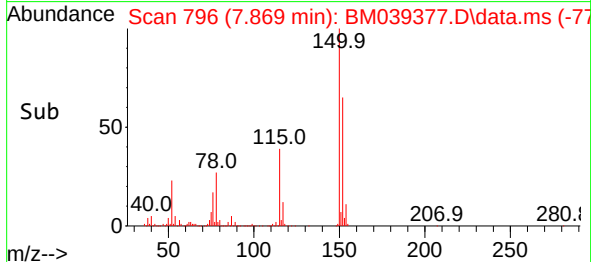
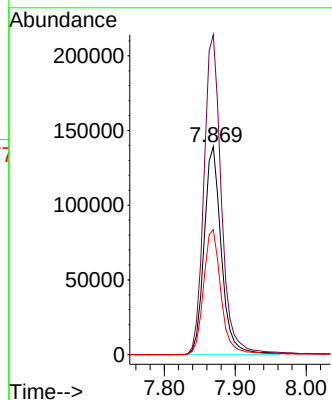
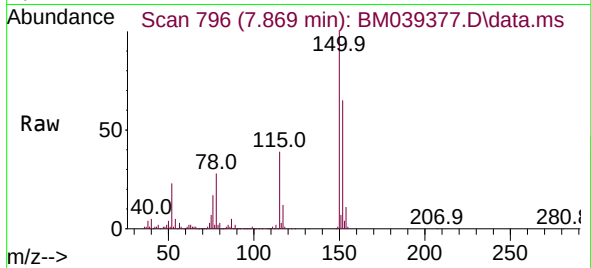




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM039377.D
Acq: 10 Apr 2023 14:49

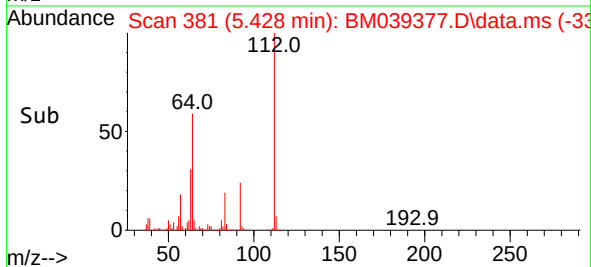
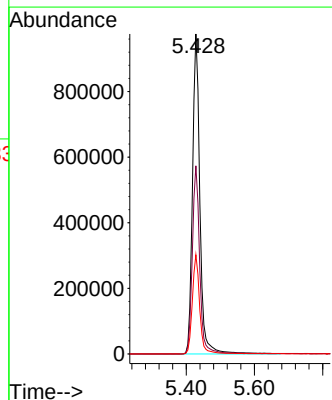
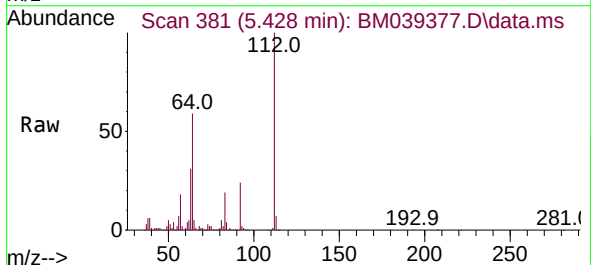
Instrument :
BNA_M
ClientSampleId :
SP-1D

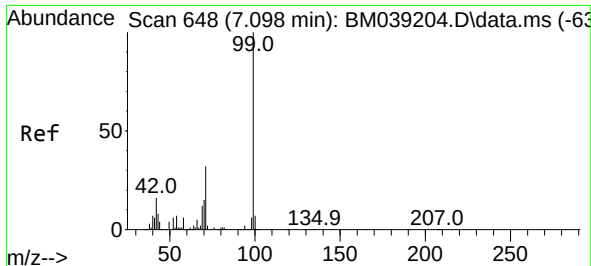
Tgt Ion:152 Resp: 234380
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 60.0 48.1 72.1



#5
2-Fluorophenol
Concen: 94.352 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039377.D
Acq: 10 Apr 2023 14:49

Tgt Ion:112 Resp: 1467813
Ion Ratio Lower Upper
112 100
64 58.8 44.3 66.5
63 31.0 23.0 34.6

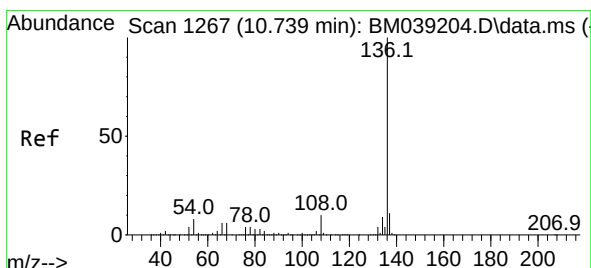
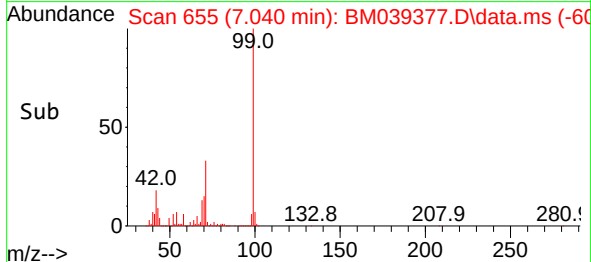
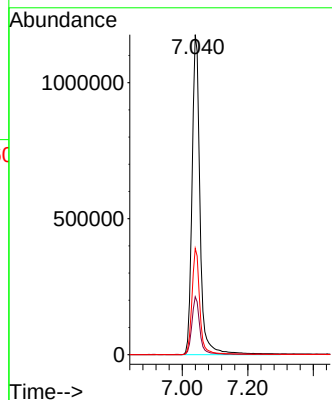
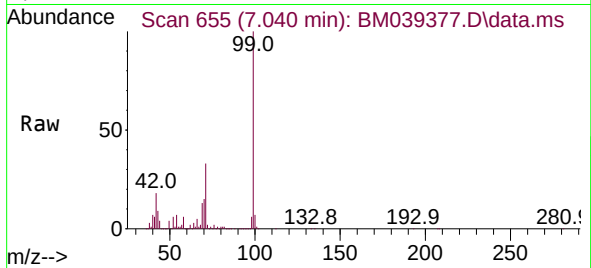




#7
Phenol-d6
Concen: 99.415 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039377.D
Acq: 10 Apr 2023 14:49

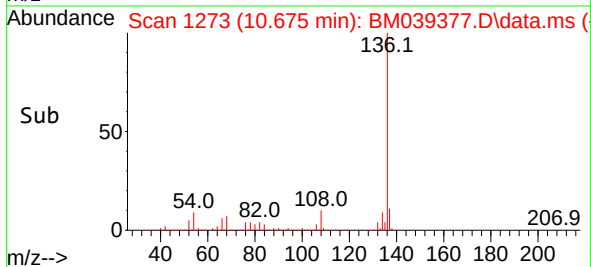
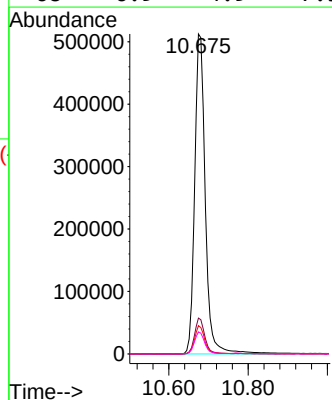
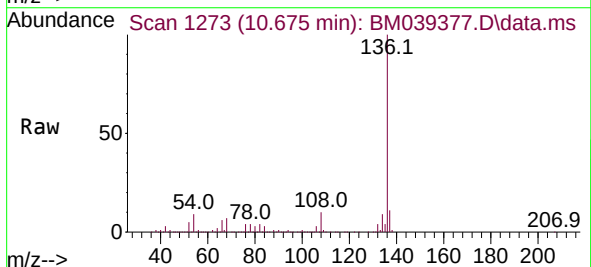
Instrument :
BNA_M
ClientSampleId :
SP-1D

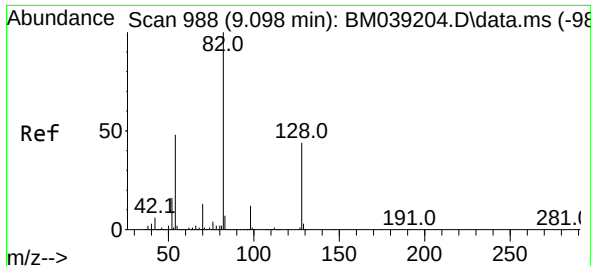
Tgt Ion: 99 Resp: 2000381
Ion Ratio Lower Upper
99 100
42 18.1 13.0 19.6
71 33.2 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039377.D
Acq: 10 Apr 2023 14:49

Tgt Ion: 136 Resp: 948630
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.8 6.2 9.4
68 6.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 55.250 ng

RT: 9.040 min Scan# 995

Delta R.T. 0.000 min

Lab File: BM039377.D

Acq: 10 Apr 2023 14:49

Instrument :

BNA_M

ClientSampleId :

SP-1D

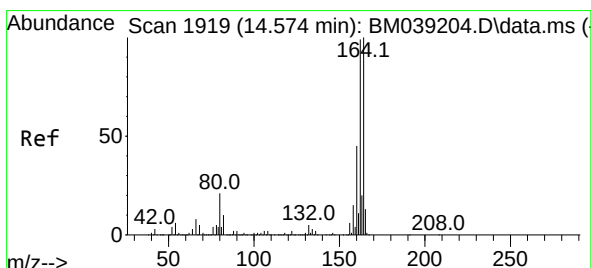
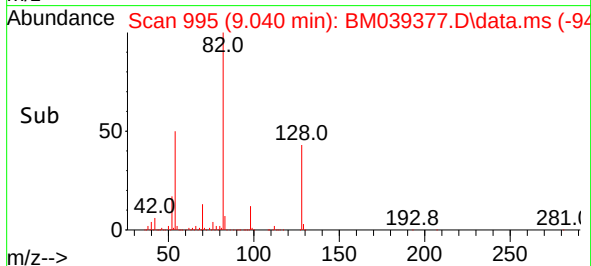
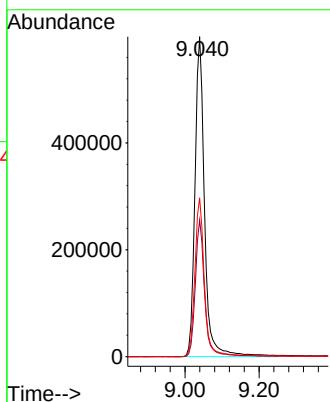
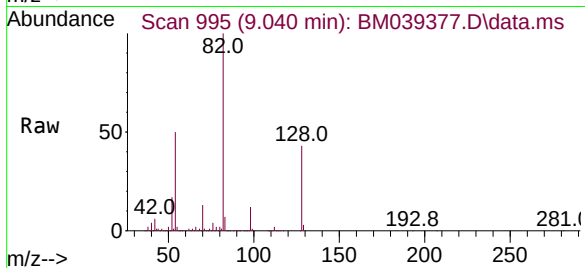
Tgt Ion: 82 Resp: 1078384

Ion Ratio Lower Upper

82 100

128 42.7 35.1 52.7

54 49.6 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: BM039377.D

Acq: 10 Apr 2023 14:49

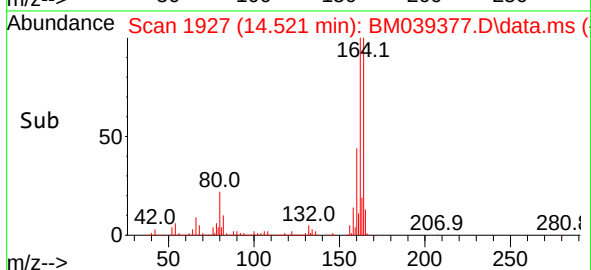
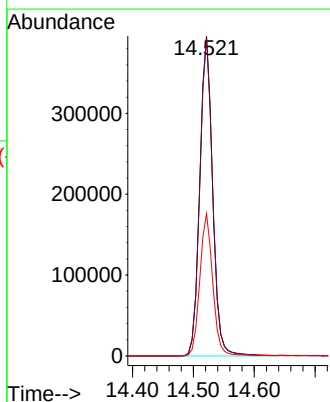
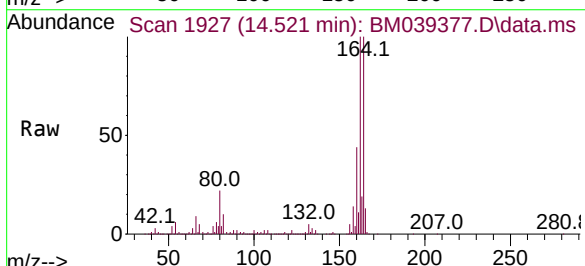
Tgt Ion: 164 Resp: 579192

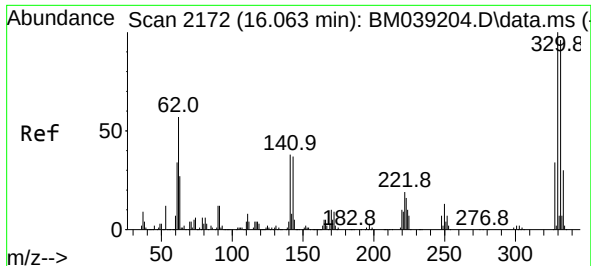
Ion Ratio Lower Upper

164 100

162 99.8 79.1 118.7

160 44.4 35.8 53.8

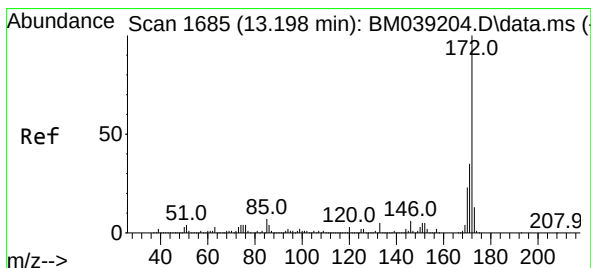
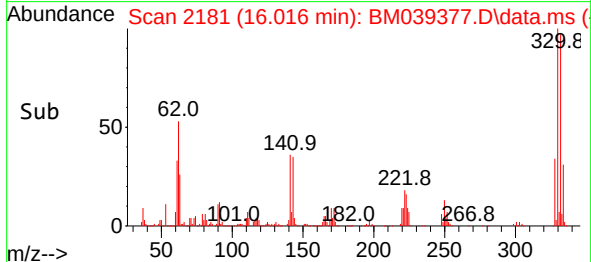
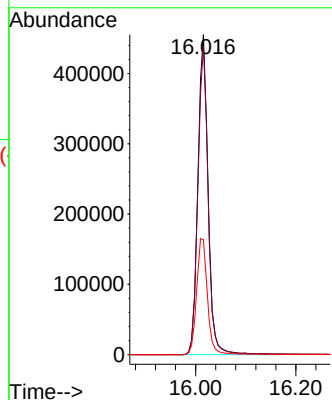
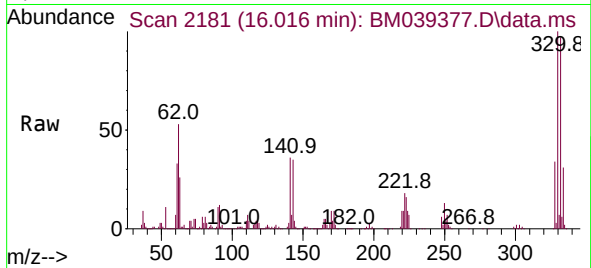




#42
 2,4,6-Tribromophenol
 Concen: 87.900 ng
 RT: 16.016 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: BM039377.D
 Acq: 10 Apr 2023 14:49

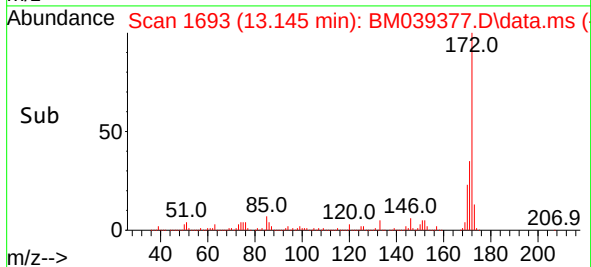
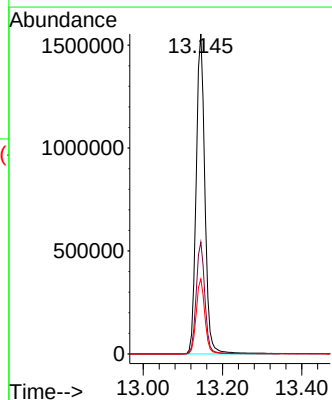
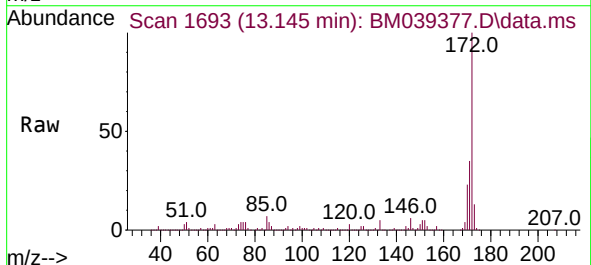
Instrument :
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 SP-1D

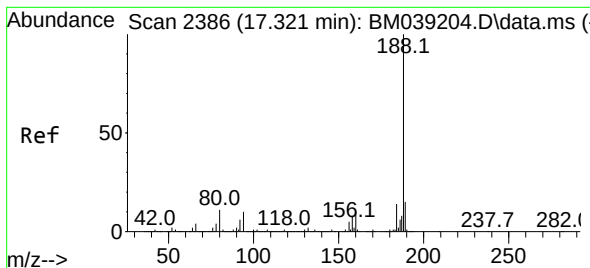
Tgt Ion:330 Resp: 646262
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 38.1 29.8 44.6



#45
 2-Fluorobiphenyl
 Concen: 55.749 ng
 RT: 13.145 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: BM039377.D
 Acq: 10 Apr 2023 14:49

Tgt Ion:172 Resp: 2383136
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.0 42.0
 170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM039377.D

Acq: 10 Apr 2023 14:49

Instrument :

BNA_M

ClientSampleId :

SP-1D

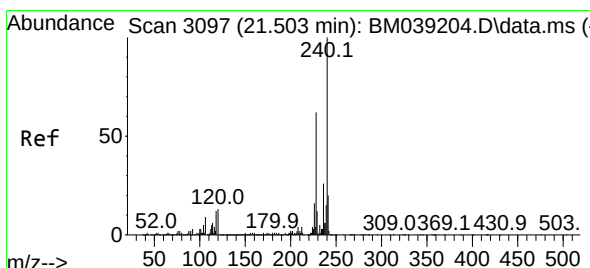
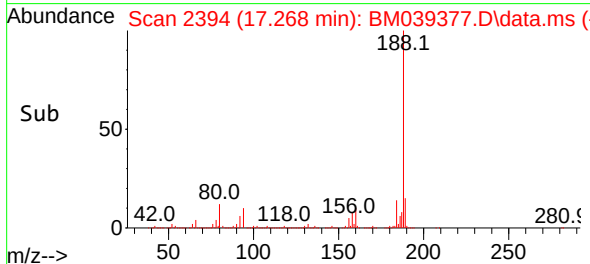
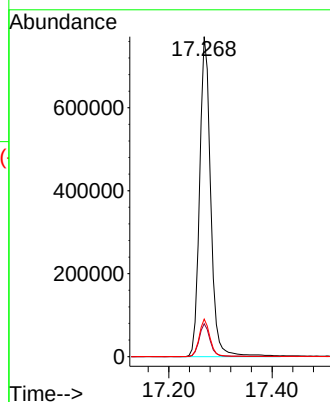
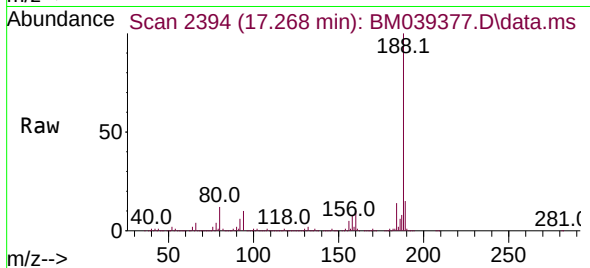
Tgt Ion:188 Resp: 1146453

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 11.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039377.D

Acq: 10 Apr 2023 14:49

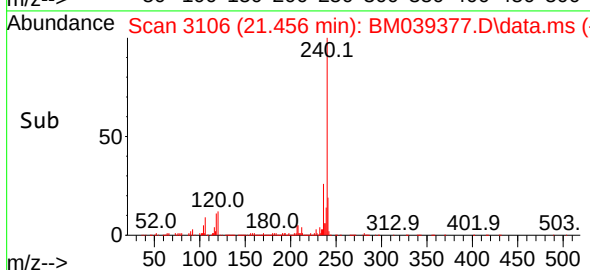
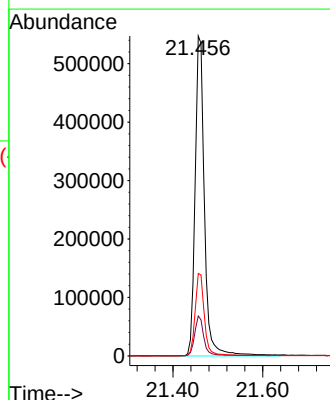
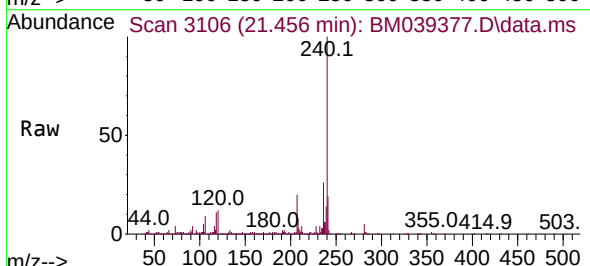
Tgt Ion:240 Resp: 790967

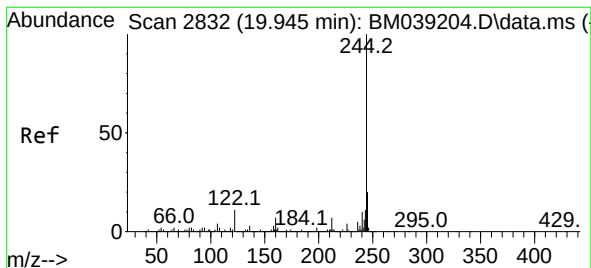
Ion Ratio Lower Upper

240 100

120 12.5 10.2 15.2

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 68.202 ng

RT: 19.898 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BM039377.D

Acq: 10 Apr 2023 14:49

Instrument :

BNA_M

ClientSampleId :

SP-1D

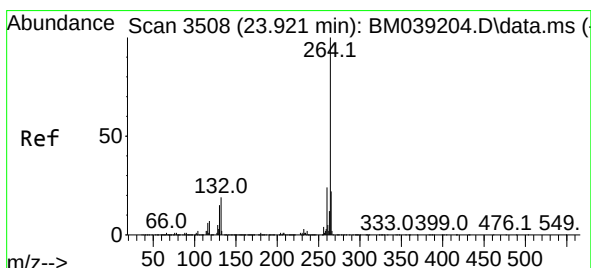
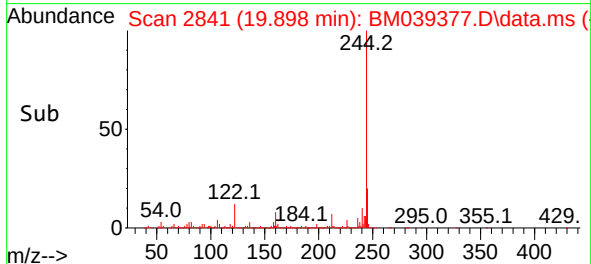
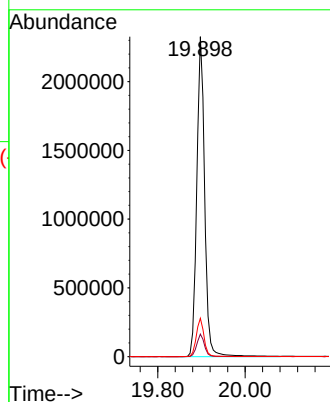
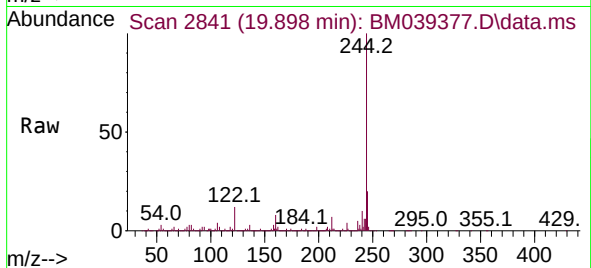
Tgt Ion:244 Resp: 2919849

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.0 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: BM039377.D

Acq: 10 Apr 2023 14:49

Tgt Ion:264 Resp: 770289

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 22.4 18.1 27.1

