

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039239.D
 Acq On : 30 Mar 2023 22:48
 Operator : CG/JU
 Sample : 02113-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-206

Quant Time: Mar 31 02:43:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	219340	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	874727	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	507036	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1055836	20.000	ng	0.00
76) Chrysene-d12	21.498	240	956704	20.000	ng	0.00
86) Perylene-d12	23.909	264	1109982	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	234040	16.076	ng	0.00
7) Phenol-d6	7.087	99	1056918	56.128	ng	-0.01
23) Nitrobenzene-d5	9.087	82	1002980	55.729	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	17135	2.662	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2112517	56.451	ng	0.00
79) Terphenyl-d14	19.939	244	3171931	61.255	ng	0.00

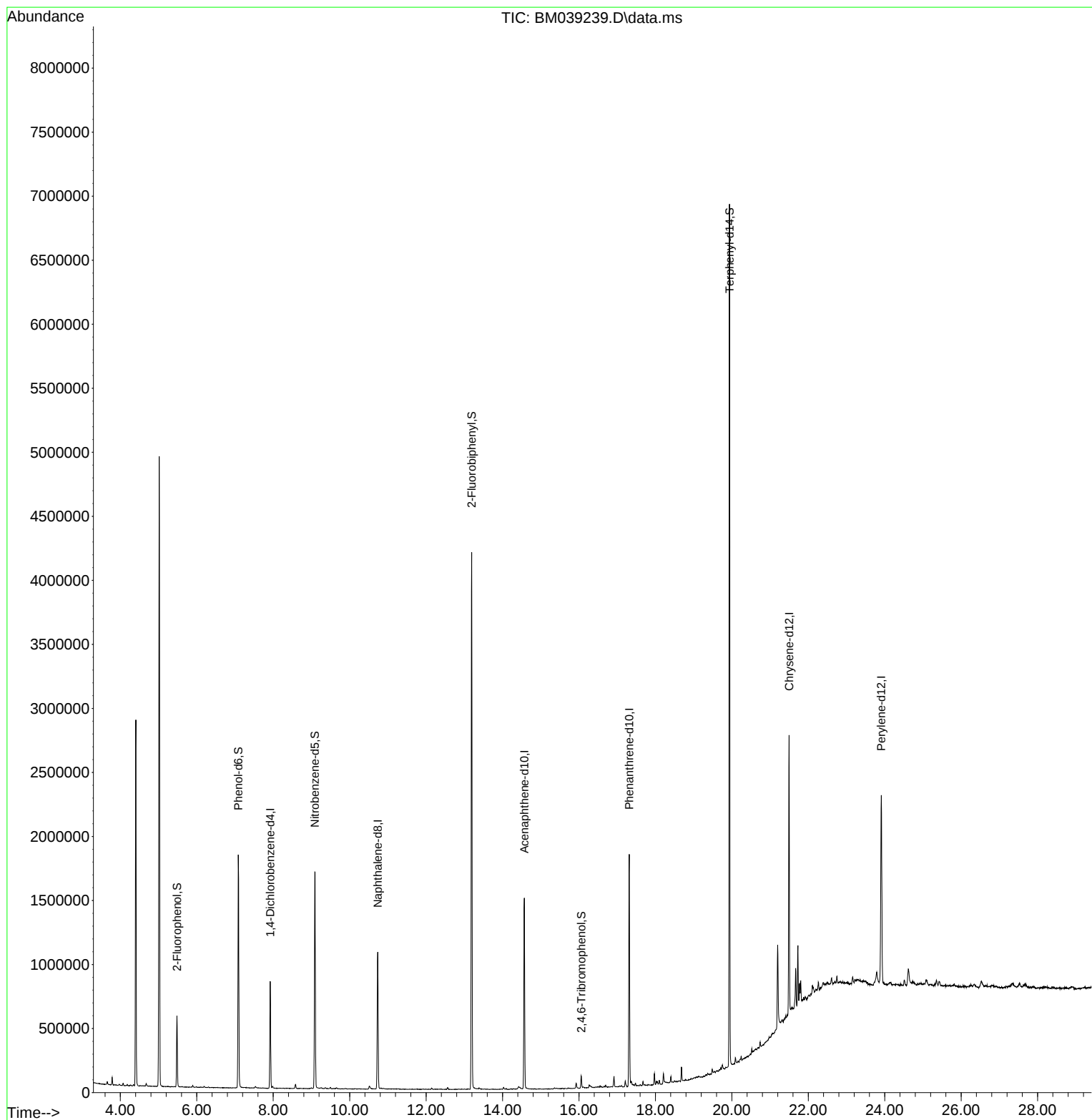
Target Compounds Qvalue

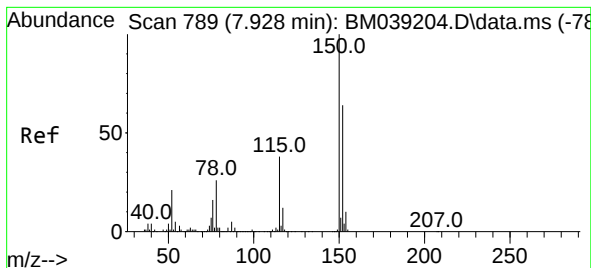
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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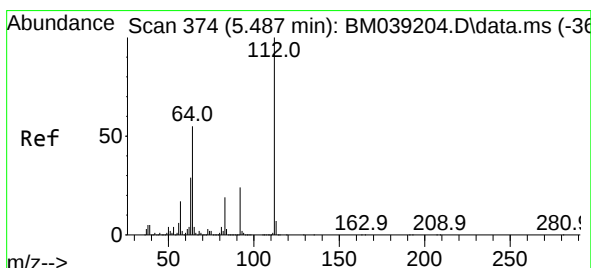
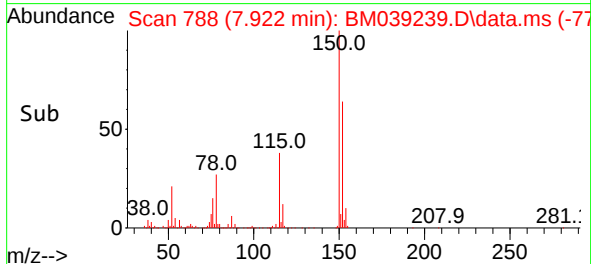
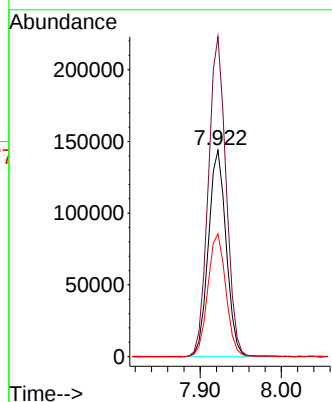
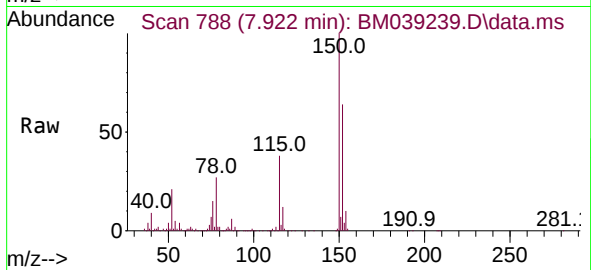




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039239.D
Acq: 30 Mar 2023 22:48

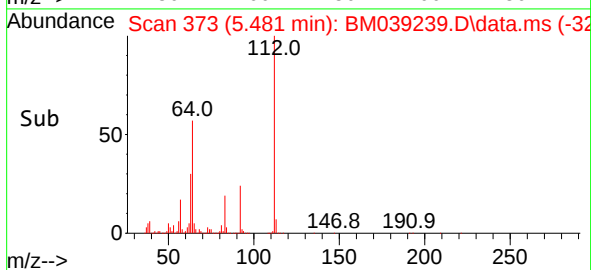
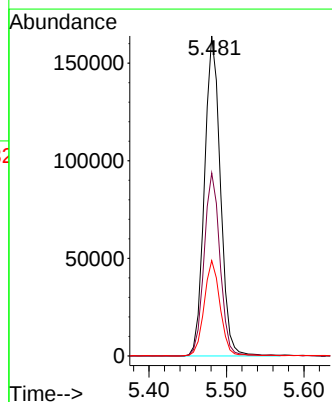
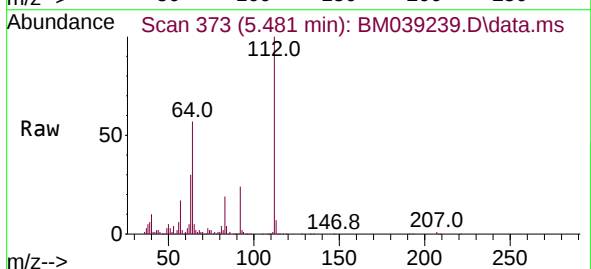
Instrument :
BNA_M
ClientSampleId :
VNJ-206

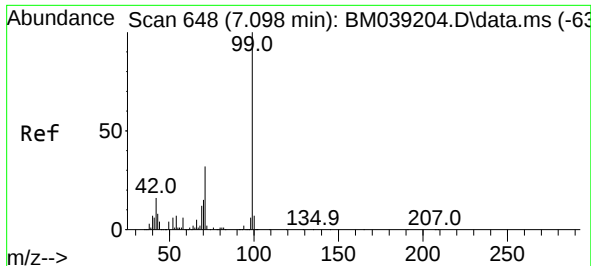
Tgt Ion:152 Resp: 219340
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 59.6 48.1 72.1



#5
2-Fluorophenol
Concen: 16.076 ng
RT: 5.481 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM039239.D
Acq: 30 Mar 2023 22:48

Tgt Ion:112 Resp: 234040
Ion Ratio Lower Upper
112 100
64 57.2 44.3 66.5
63 29.8 23.0 34.6

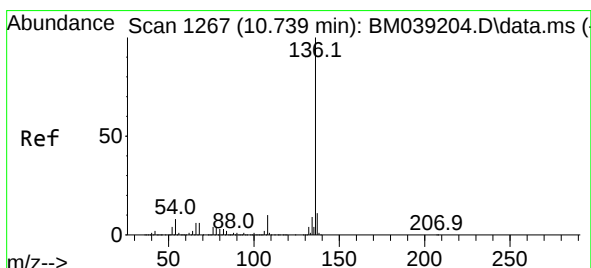
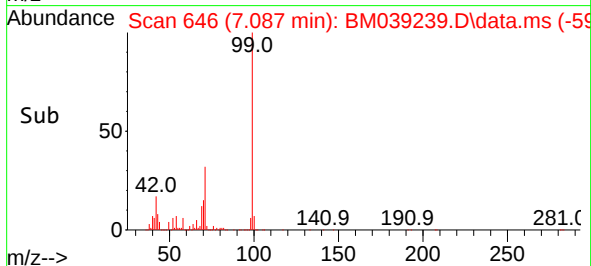
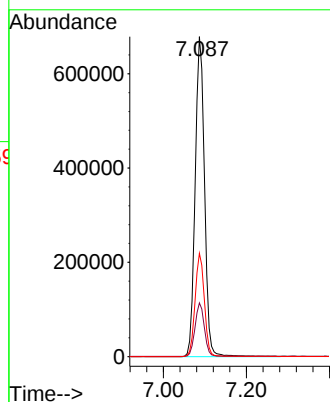
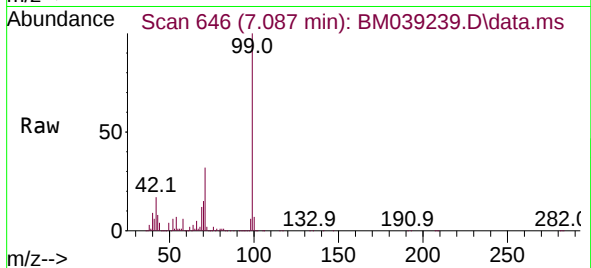




#7
Phenol-d6
Concen: 56.128 ng
RT: 7.087 min Scan# 648
Delta R.T. -0.012 min
Lab File: BM039239.D
Acq: 30 Mar 2023 22:48

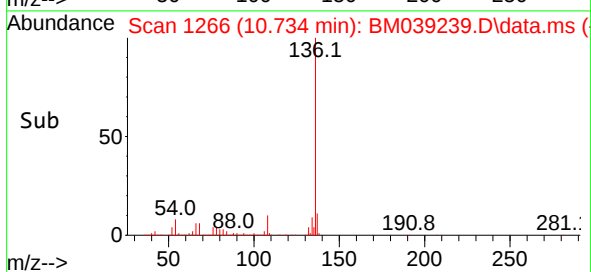
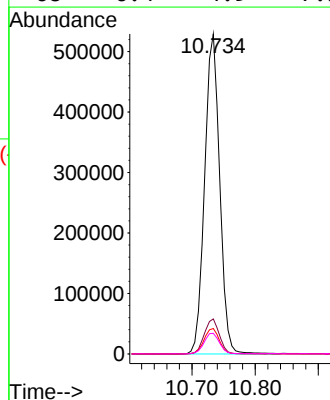
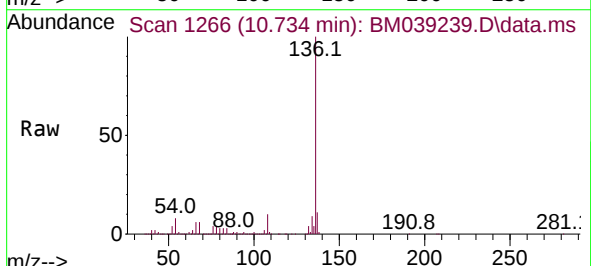
Instrument :
BNA_M
ClientSampleId :
VNJ-206

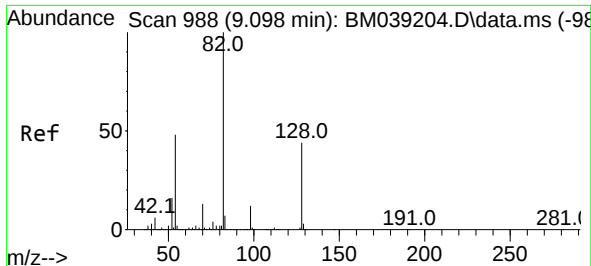
Tgt Ion: 99 Resp: 1056918
Ion Ratio Lower Upper
99 100
42 16.8 13.0 19.6
71 32.3 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039239.D
Acq: 30 Mar 2023 22:48

Tgt Ion: 136 Resp: 874727
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.0 6.2 9.4
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 55.729 ng

RT: 9.087 min Scan# 988

Delta R.T. -0.012 min

Lab File: BM039239.D

Acq: 30 Mar 2023 22:48

Instrument :

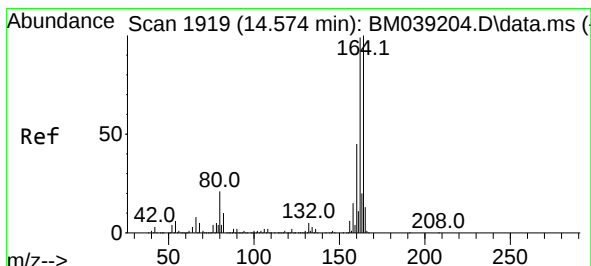
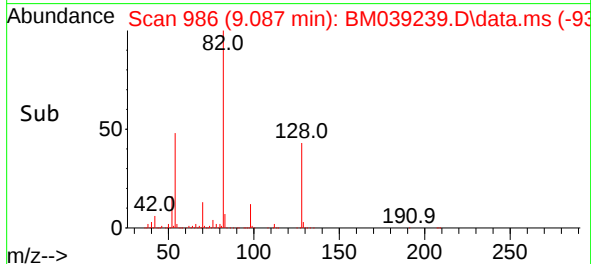
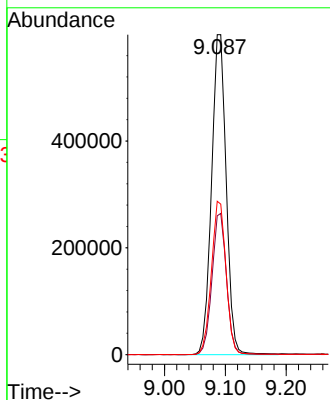
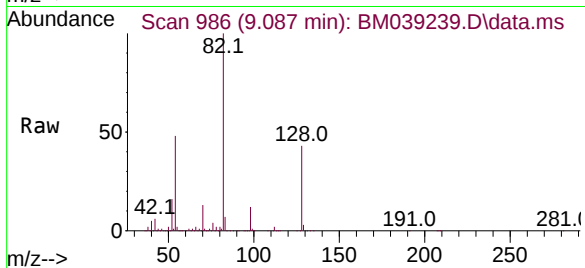
BNA_M

ClientSampleId :

VNJ-206

Tgt Ion: 82 Resp: 1002980

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.1	52.7
54	47.9	38.5	57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1918

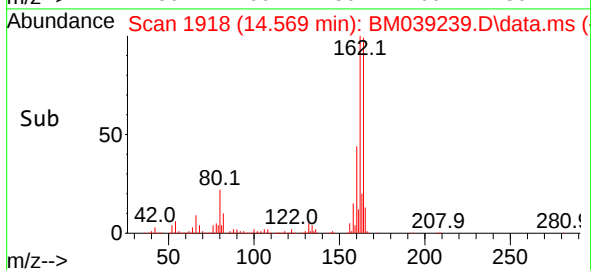
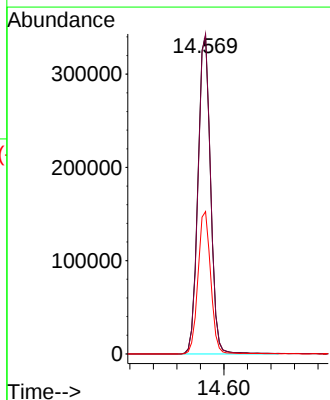
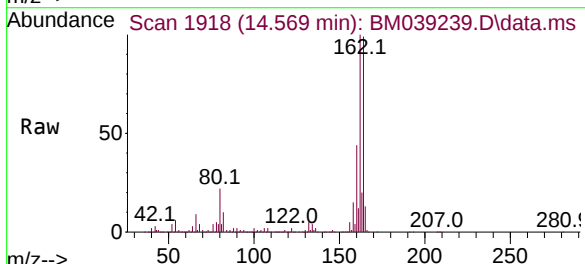
Delta R.T. -0.005 min

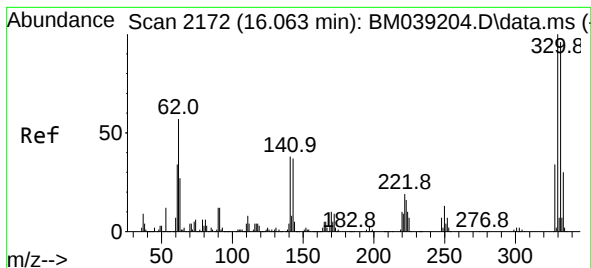
Lab File: BM039239.D

Acq: 30 Mar 2023 22:48

Tgt Ion:164 Resp: 507036

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.1	118.7
160	44.7	35.8	53.8

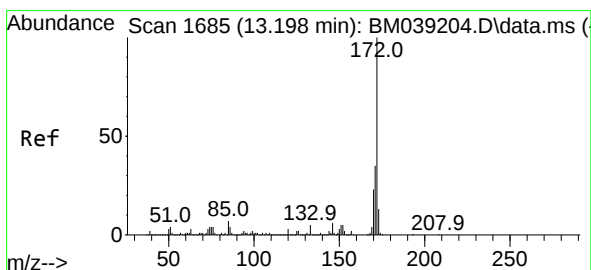
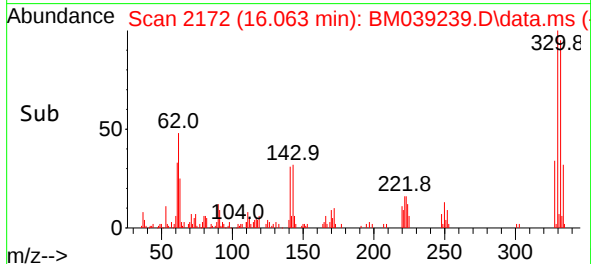
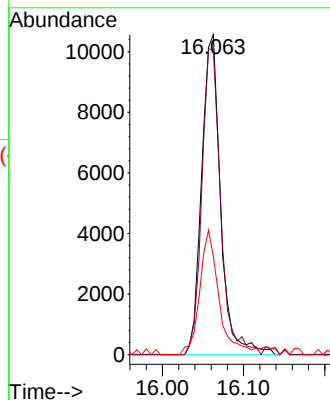
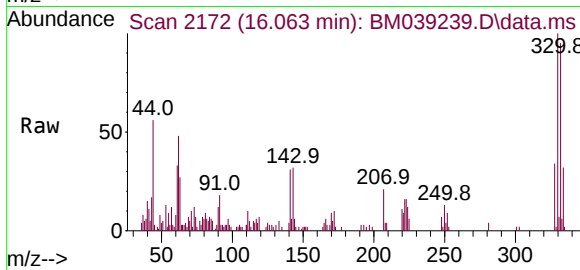




#42
2,4,6-Tribromophenol
Concen: 2.662 ng
RT: 16.063 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039239.D
Acq: 30 Mar 2023 22:48

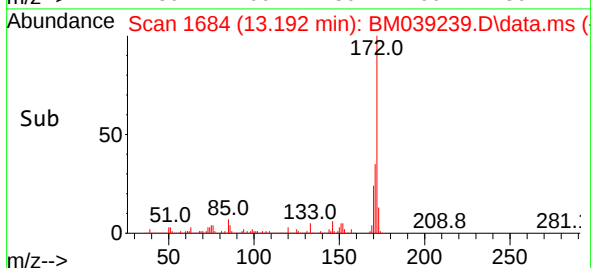
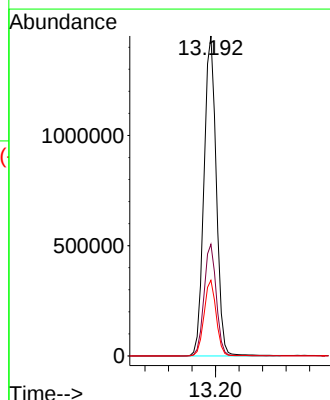
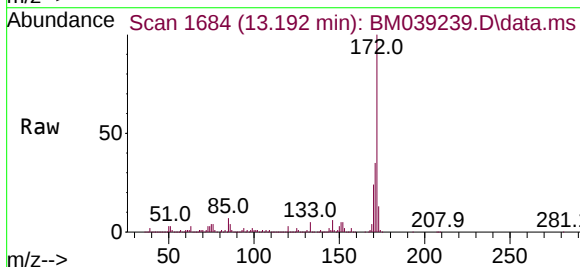
Instrument :
BNA_M
ClientSampleId :
VNJ-206

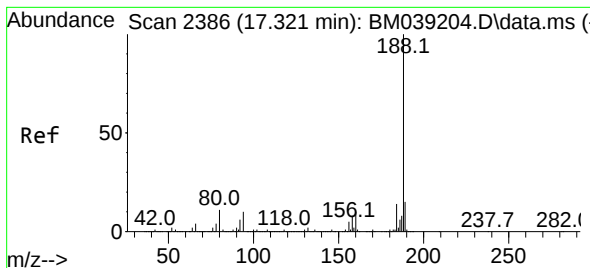
Tgt Ion:330 Resp: 17135
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 39.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 56.451 ng
RT: 13.192 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM039239.D
Acq: 30 Mar 2023 22:48

Tgt Ion:172 Resp: 2112517
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BM039239.D

Acq: 30 Mar 2023 22:48

Instrument :

BNA_M

ClientSampleId :

VNJ-206

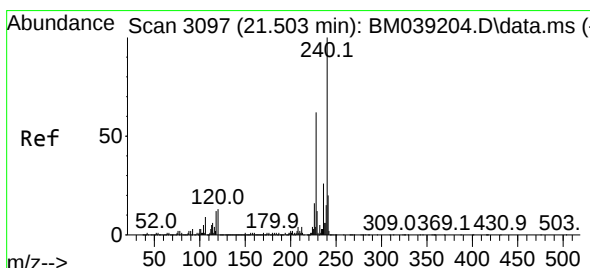
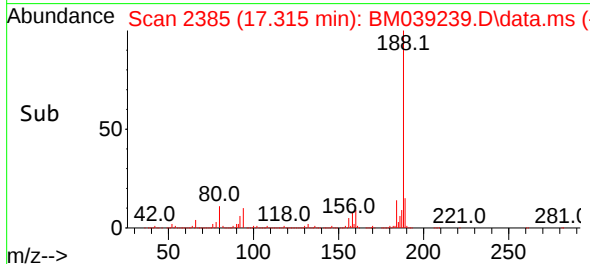
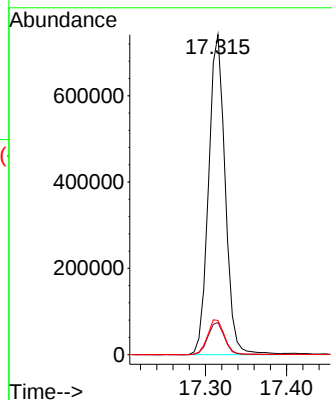
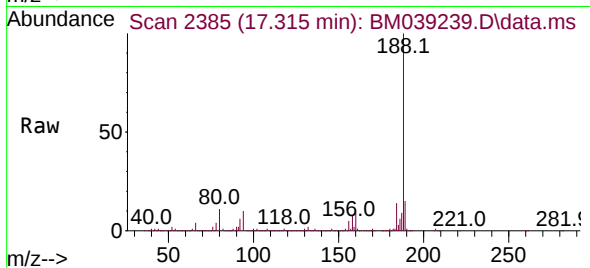
Tgt Ion:188 Resp: 1055836

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 10.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM039239.D

Acq: 30 Mar 2023 22:48

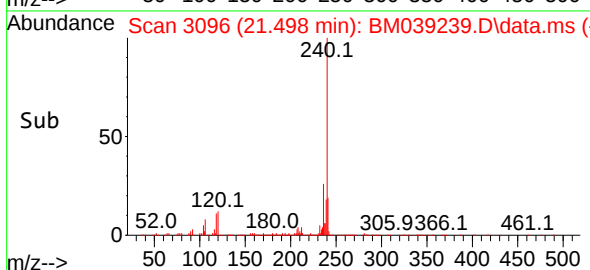
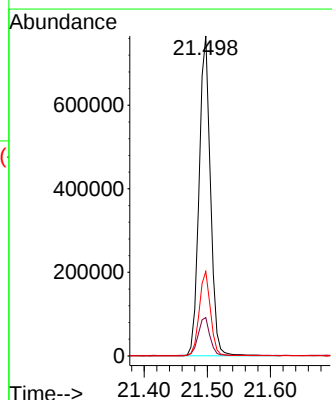
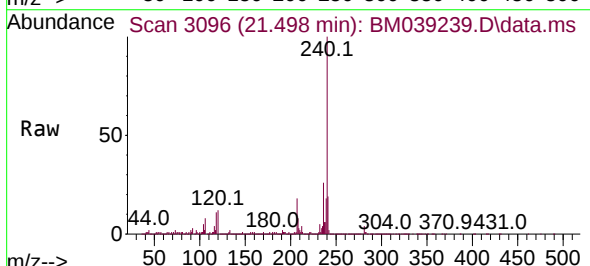
Tgt Ion:240 Resp: 956704

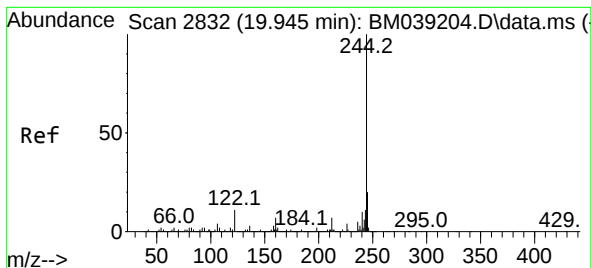
Ion Ratio Lower Upper

240 100

120 12.0 10.2 15.2

236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 61.255 ng

RT: 19.939 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM039239.D

Acq: 30 Mar 2023 22:48

Instrument :

BNA_M

ClientSampleId :

VNJ-206

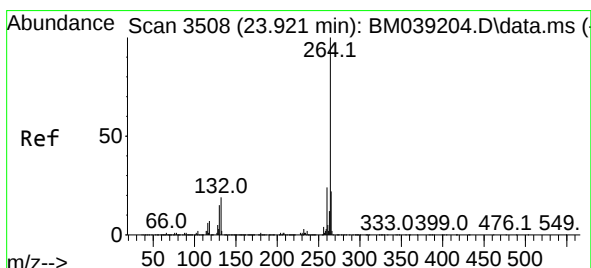
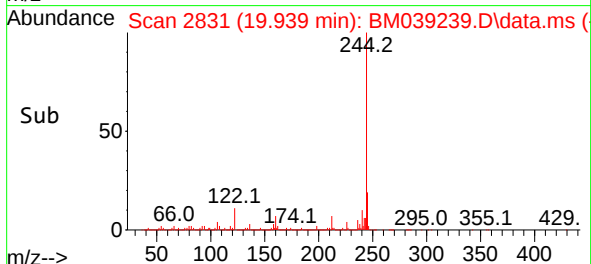
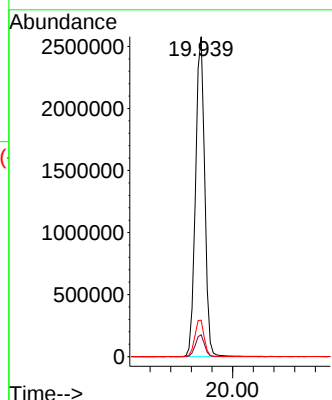
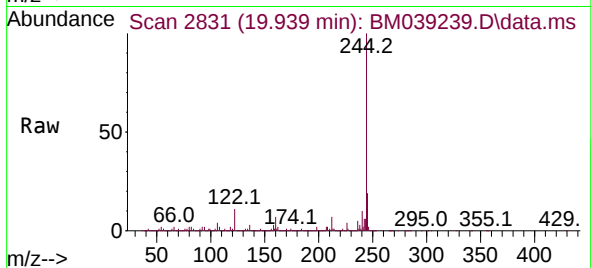
Tgt Ion:244 Resp: 3171931

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.4 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.909 min Scan# 3506

Delta R.T. -0.012 min

Lab File: BM039239.D

Acq: 30 Mar 2023 22:48

Tgt Ion:264 Resp: 1109982

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.8 18.1 27.1

