

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039250.D
 Acq On : 31 Mar 2023 13:08
 Operator : CG/JU
 Sample : 02113-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200058

Quant Time: Mar 31 17:15:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	225802	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	944048	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	602719	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1362230	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1412121	20.000	ng	0.00
86) Perylene-d12	23.909	264	1650975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	335527	22.387	ng	0.00
7) Phenol-d6	7.087	99	1082153	55.824	ng	0.00
23) Nitrobenzene-d5	9.086	82	1065887	54.875	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	63831	8.343	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	2427619	54.573	ng	0.00
79) Terphenyl-d14	19.939	244	4328060	56.626	ng	0.00

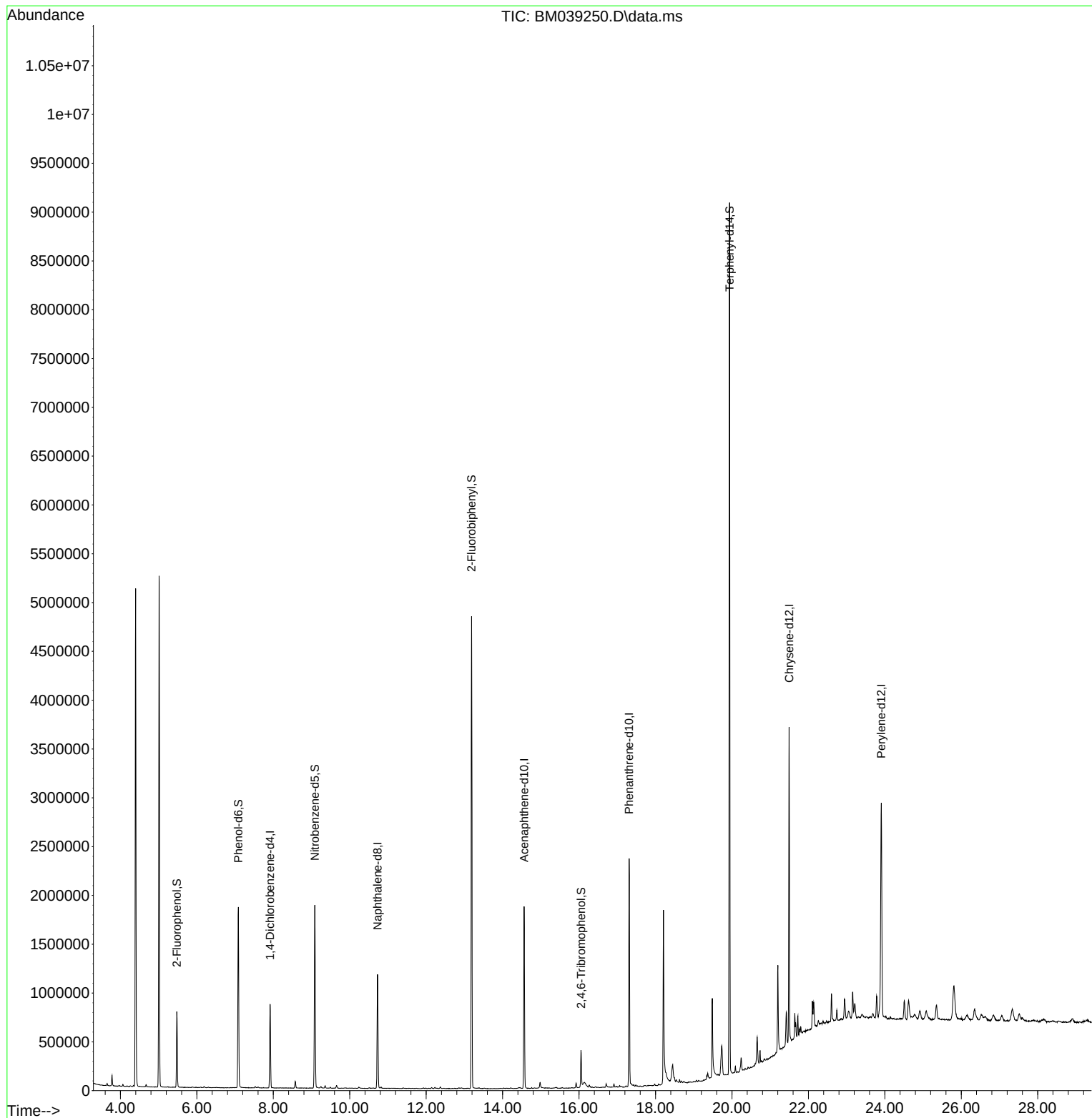
Target Compounds	Qvalue

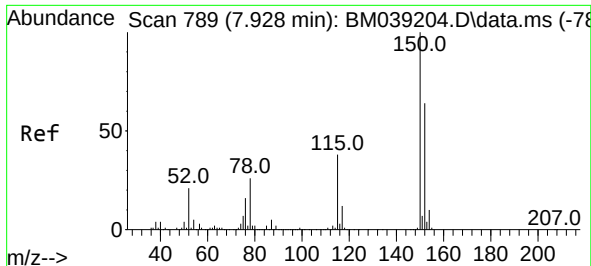
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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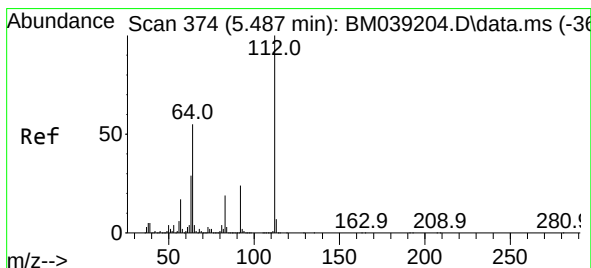
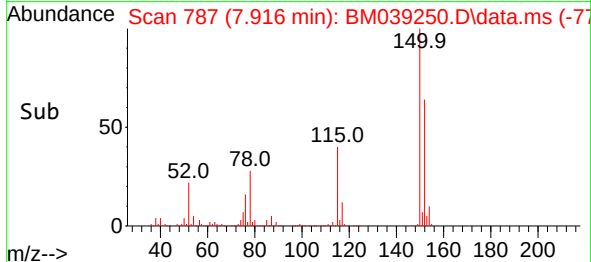
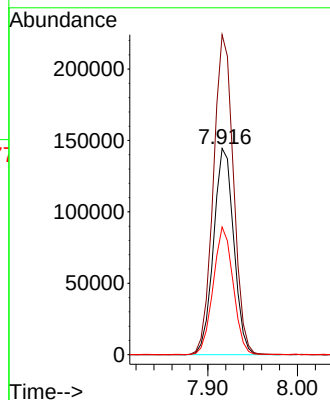
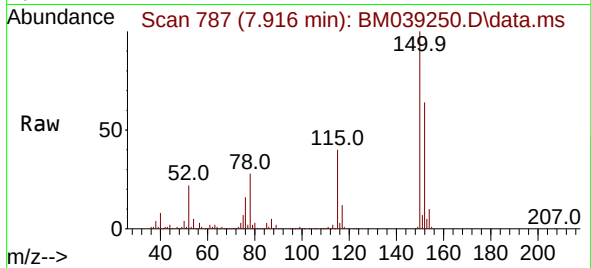




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

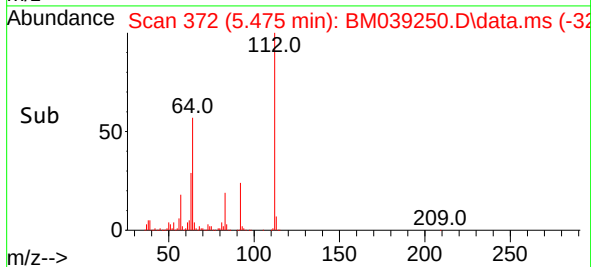
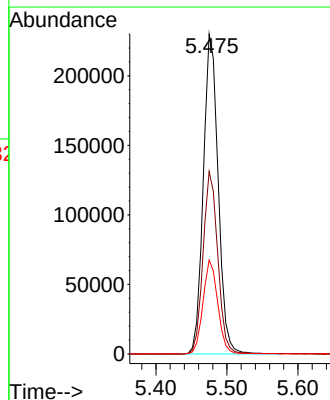
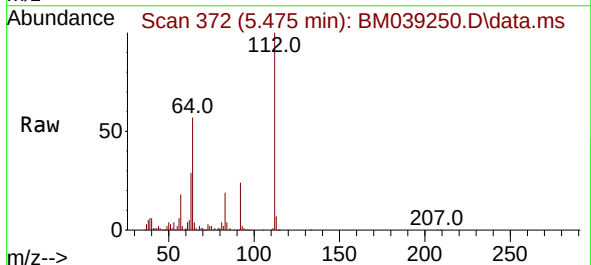
Instrument :
BNA_M
ClientSampleId :
RBR-200058

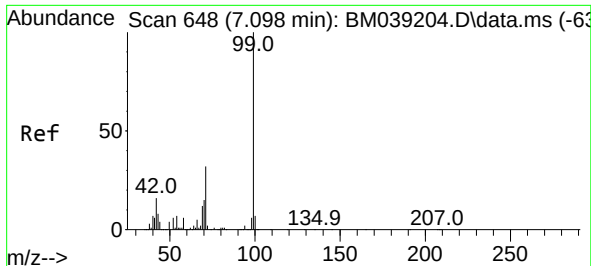
Tgt Ion:152 Resp: 225802
Ion Ratio Lower Upper
152 100
150 155.2 125.5 188.3
115 62.0 48.1 72.1



#5
2-Fluorophenol
Concen: 22.387 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

Tgt Ion:112 Resp: 335527
Ion Ratio Lower Upper
112 100
64 57.0 44.3 66.5
63 29.3 23.0 34.6



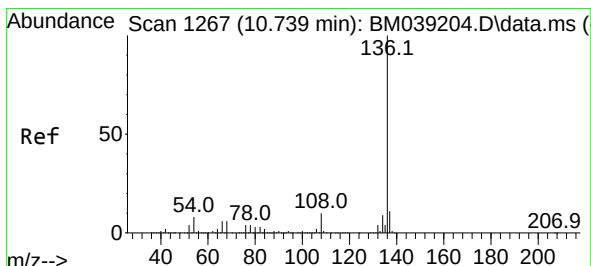
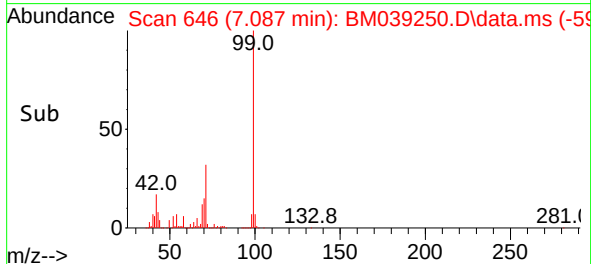
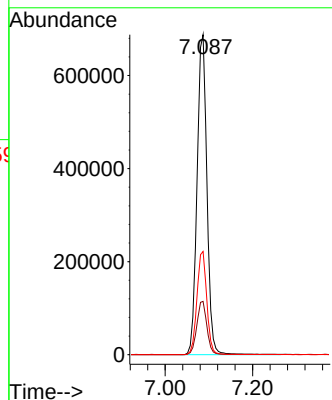
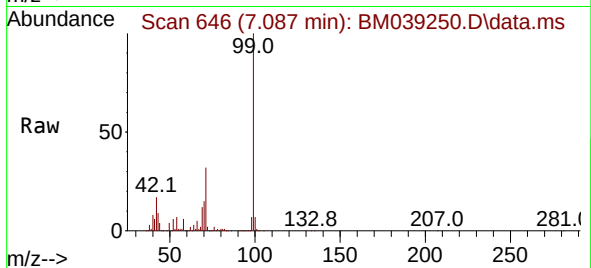


#7
Phenol-d6
Concen: 55.824 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

Instrument :
BNA_M
ClientSampleId :
RBR-200058

Tgt Ion: 99 Resp: 1082153

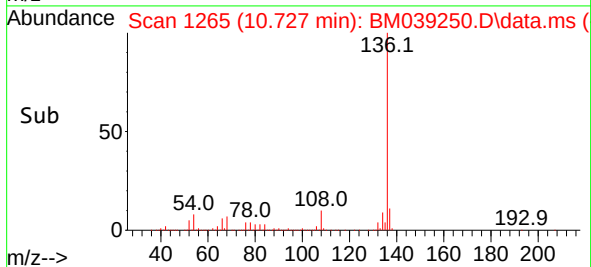
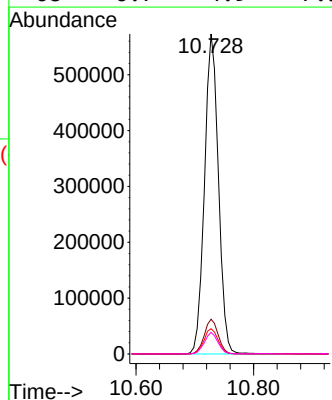
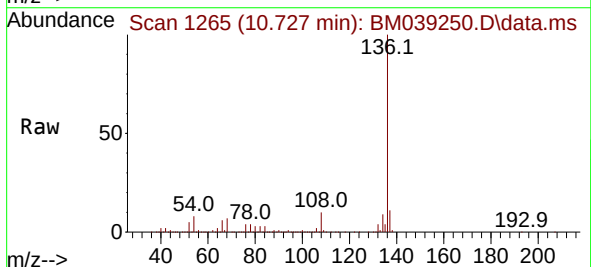
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.6
71	32.2	25.5	38.3

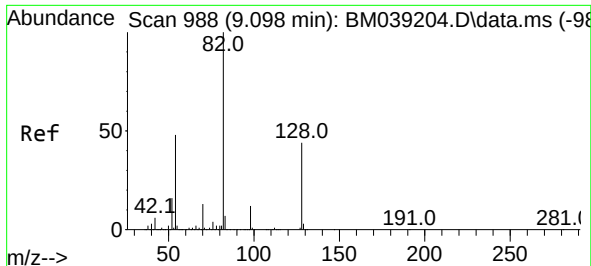


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

Tgt Ion: 136 Resp: 944048

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.2	9.4
68	6.7	4.9	7.3





#23

Nitrobenzene-d5

Concen: 54.875 ng

RT: 9.086 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Instrument :

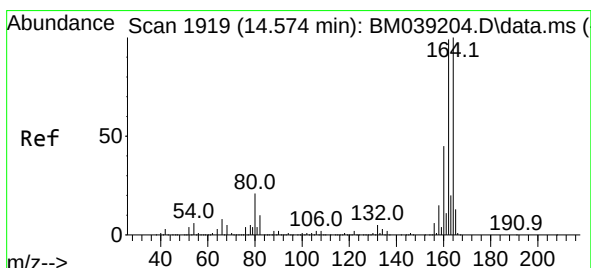
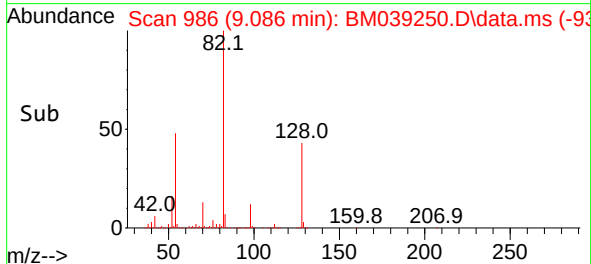
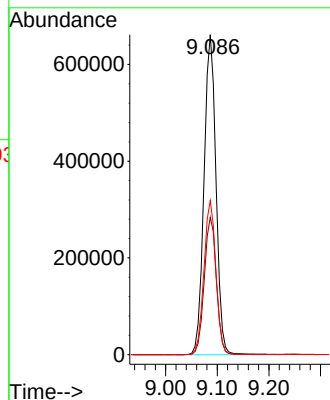
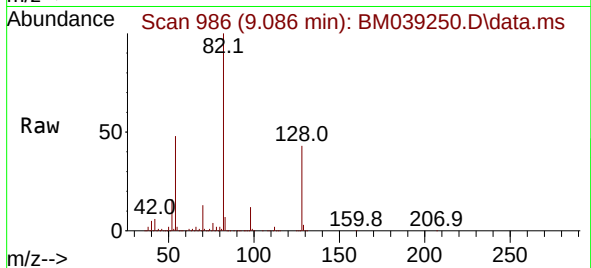
BNA_M

ClientSampleId :

RBR-200058

Tgt Ion: 82 Resp: 1065887

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.1	52.7
54	48.1	38.5	57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

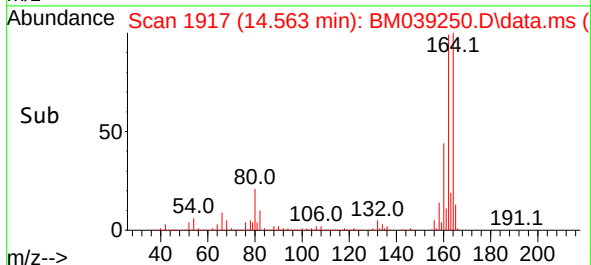
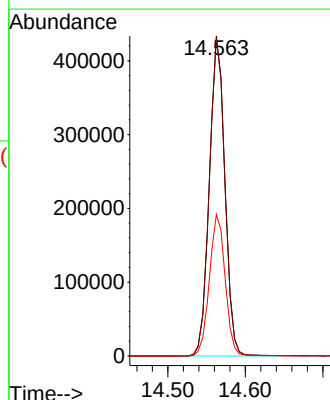
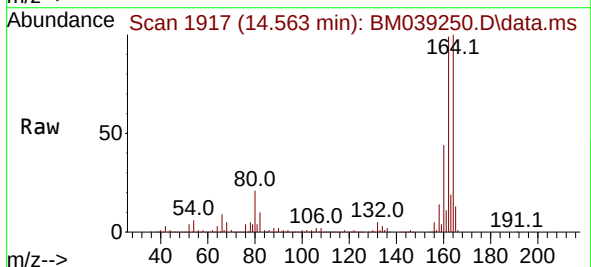
Delta R.T. -0.000 min

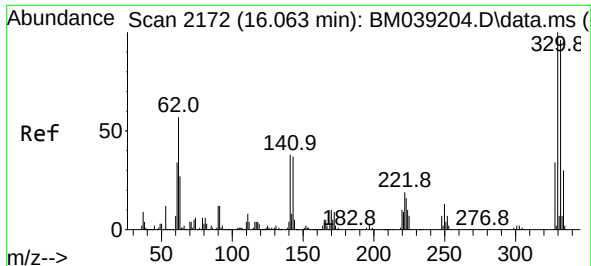
Lab File: BM039250.D

Acq: 31 Mar 2023 13:08

Tgt Ion: 164 Resp: 602719

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.1	118.7
160	44.2	35.8	53.8

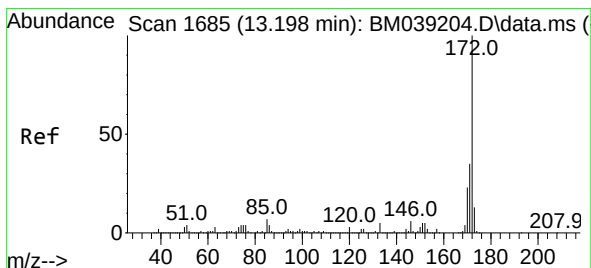
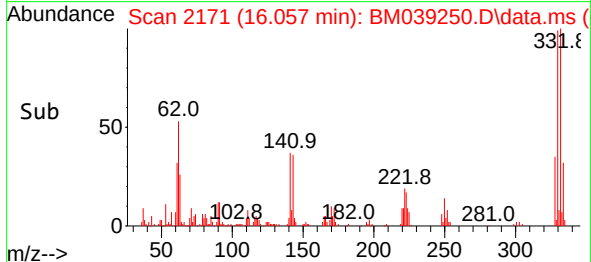
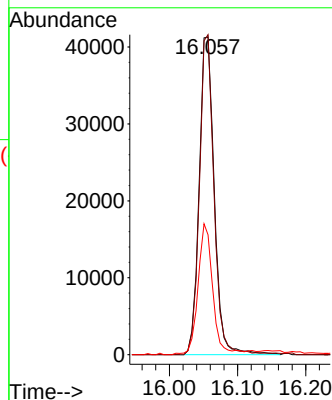
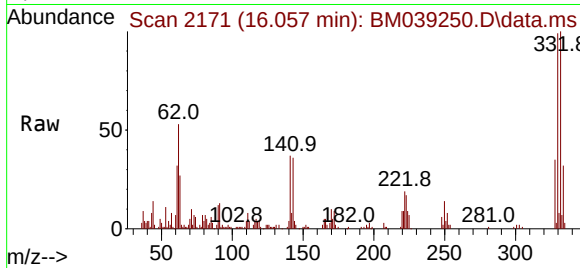




#42
2,4,6-Tribromophenol
Concen: 8.343 ng
RT: 16.057 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

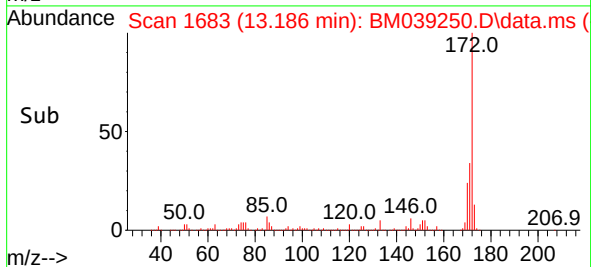
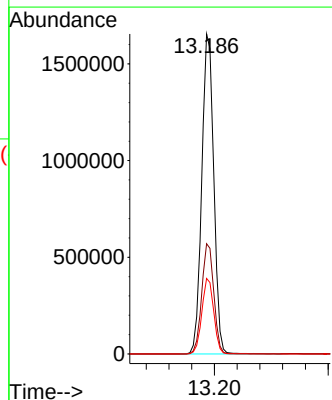
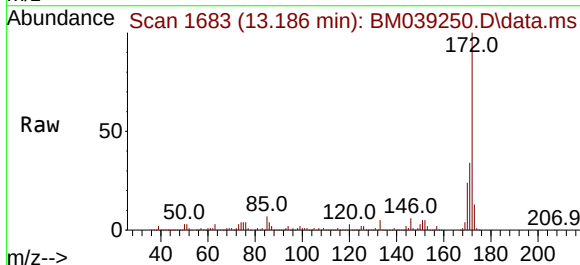
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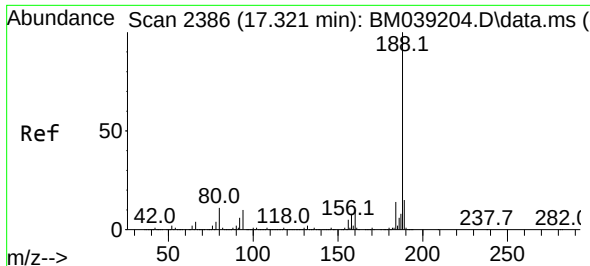
Tgt Ion:330 Resp: 63831
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 40.0 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 54.573 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

Tgt Ion:172 Resp: 2427619
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.6 18.7 28.1

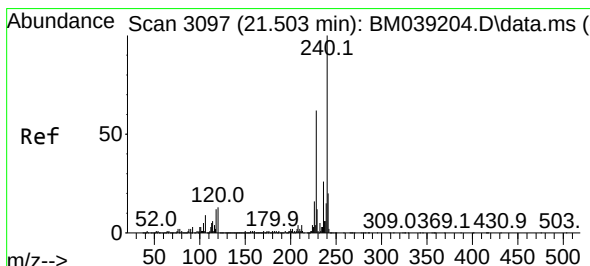
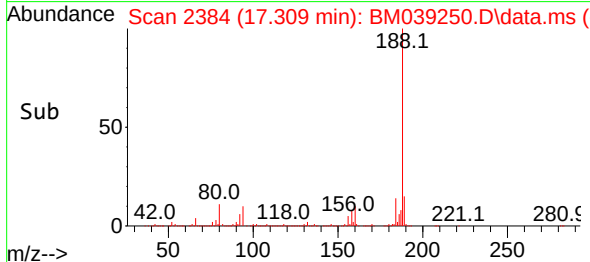
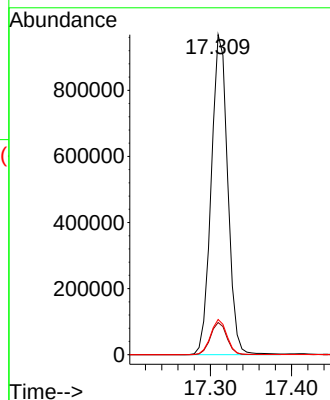
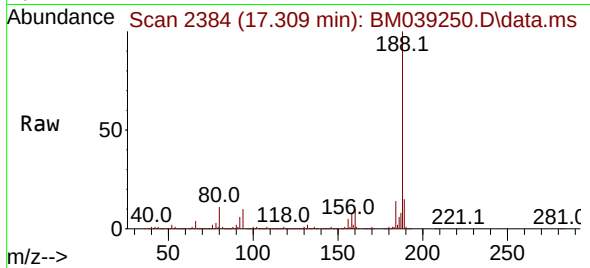




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

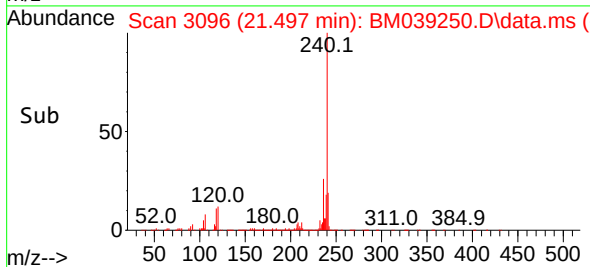
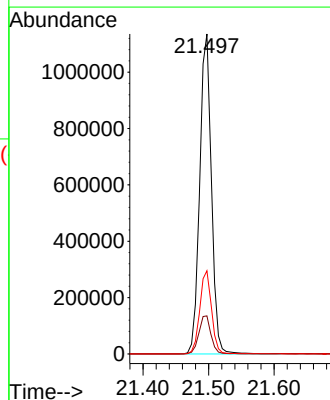
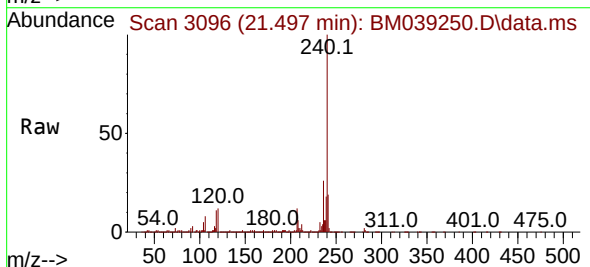
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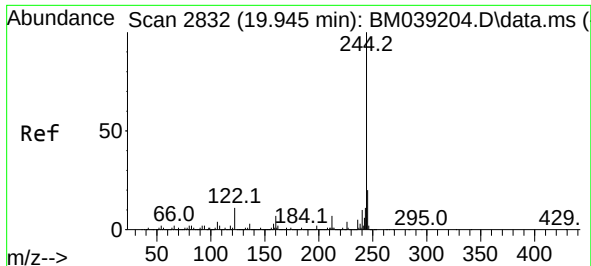
Tgt Ion:188 Resp: 1362230
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 11.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BM039250.D
Acq: 31 Mar 2023 13:08

Tgt Ion:240 Resp: 1412121
Ion Ratio Lower Upper
240 100
120 11.9 10.2 15.2
236 26.0 20.9 31.3

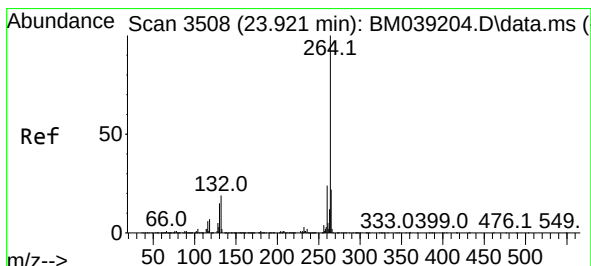
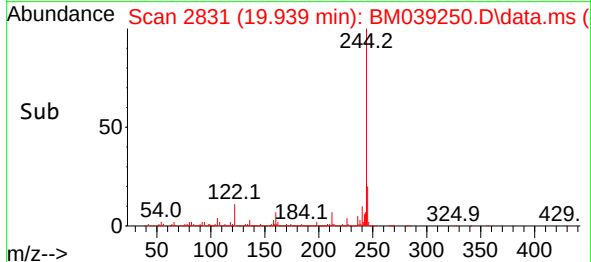
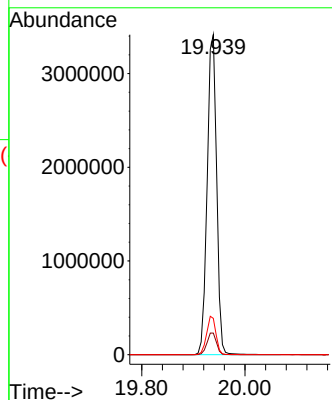
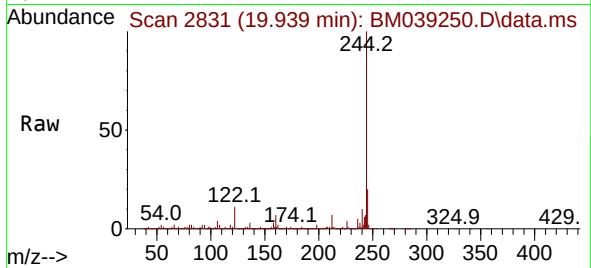




#79
 Terphenyl-d14
 Concen: 56.626 ng
 RT: 19.939 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM039250.D
 Acq: 31 Mar 2023 13:08

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200058

Tgt Ion:244 Resp: 4328060
 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. 0.005 min
 Lab File: BM039250.D
 Acq: 31 Mar 2023 13:08

Tgt Ion:264 Resp: 1650975
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.7 18.1 27.1

