

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039263.D
 Acq On : 31 Mar 2023 21:13
 Operator : CG/JU
 Sample : 02109-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-30-GW01

Quant Time: Apr 01 05:22:05 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)

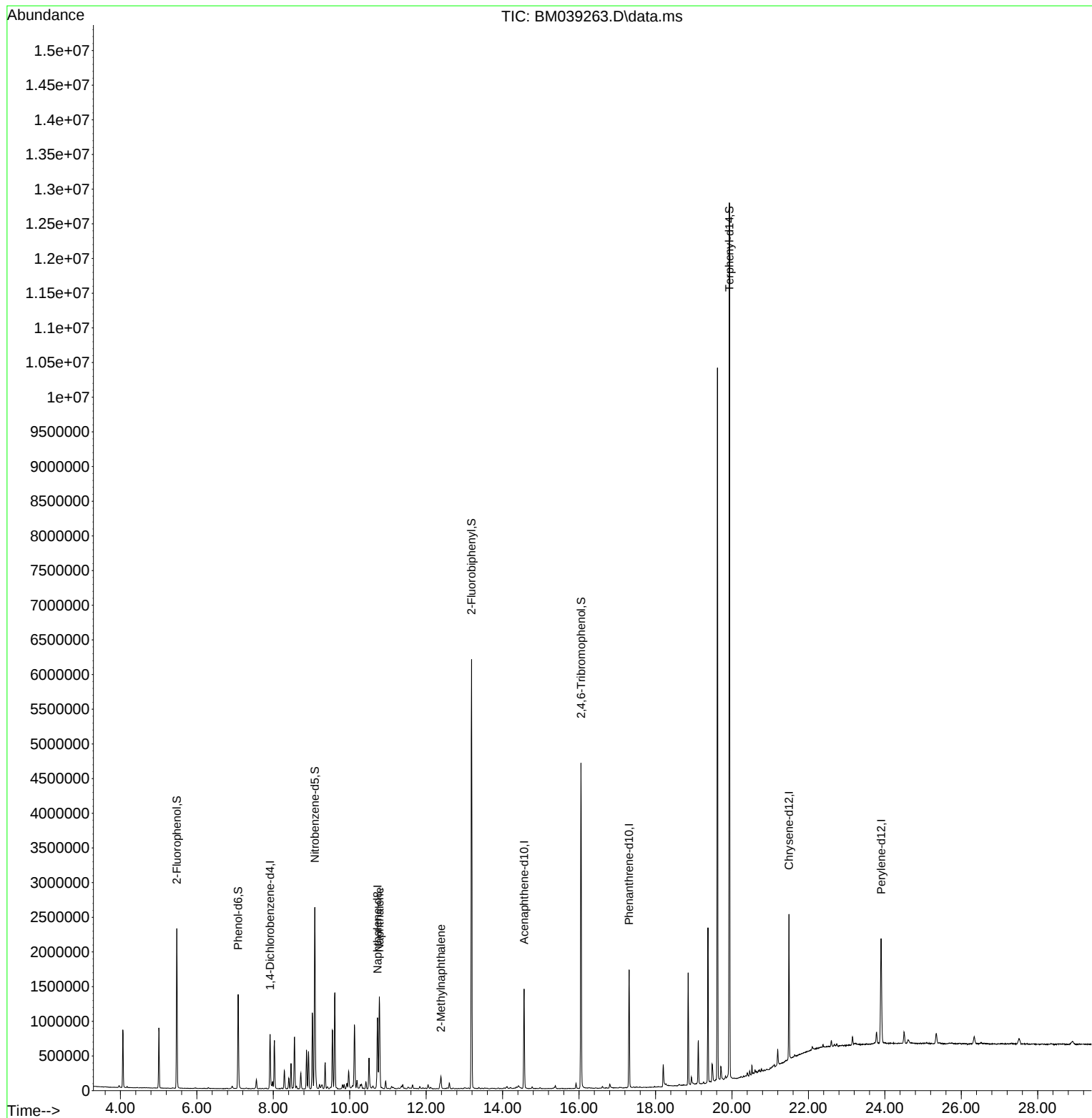
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	201621	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	812159	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	471062	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	965338	20.000	ng	0.00
76) Chrysene-d12	21.492	240	906663	20.000	ng	0.00
86) Perylene-d12	23.903	264	1091434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	943566	70.508	ng	0.00
7) Phenol-d6	7.081	99	762029	44.024	ng	0.00
23) Nitrobenzene-d5	9.086	82	1463292	87.568	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	809307	135.343	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3067839	88.240	ng	0.00
79) Terphenyl-d14	19.933	244	4411741	89.900	ng	0.00
Target Compounds						
31) Naphthalene	10.775	128	890357	20.345	ng	99
37) 2-Methylnaphthalene	12.386	142	76409	2.508	ng	99

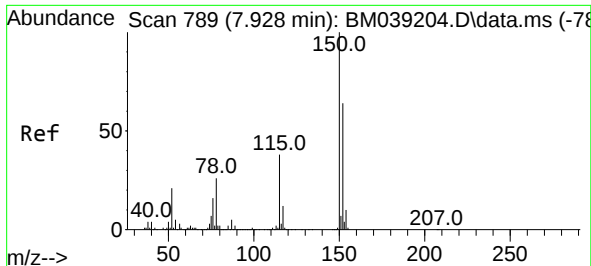
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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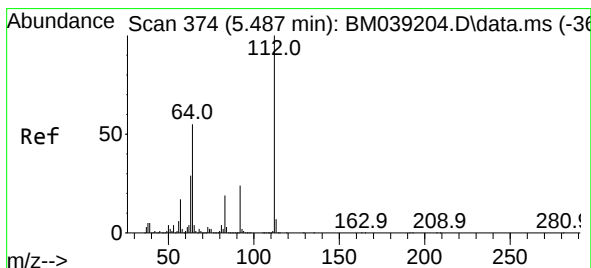
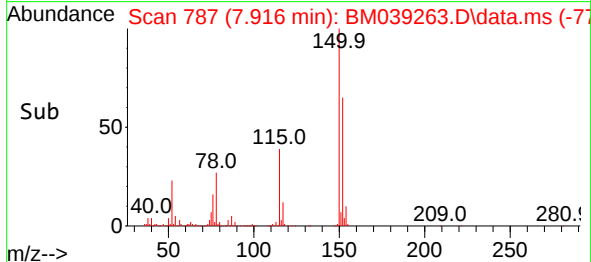
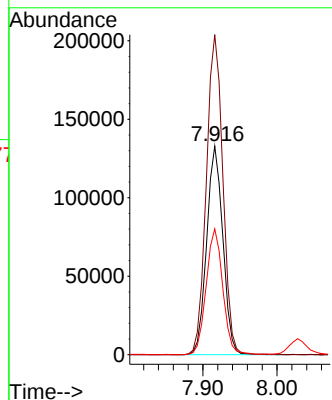
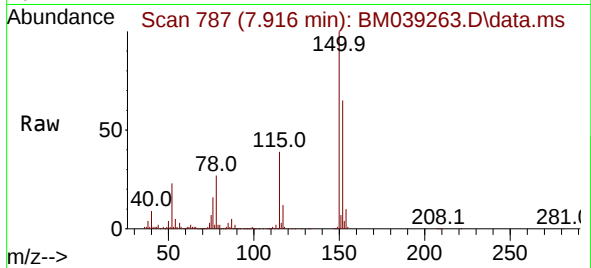




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

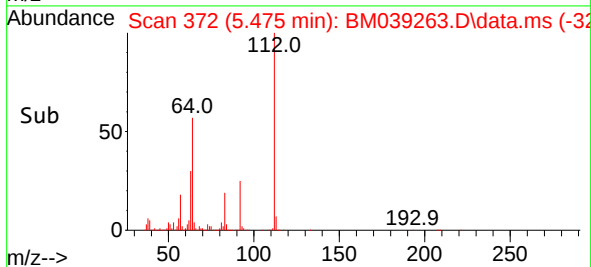
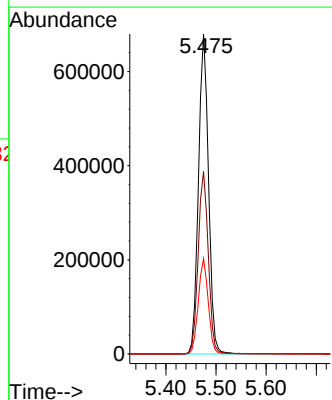
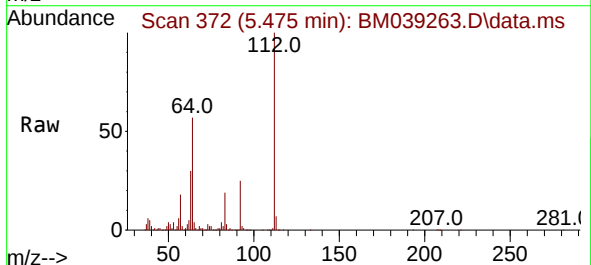
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

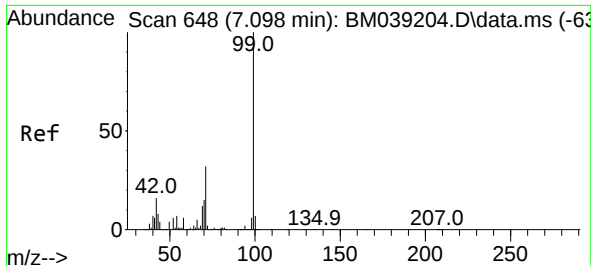
Tgt Ion:152 Resp: 201621
Ion Ratio Lower Upper
152 100
150 153.4 125.5 188.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 70.508 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion:112 Resp: 943566
Ion Ratio Lower Upper
112 100
64 57.0 44.3 66.5
63 29.8 23.0 34.6

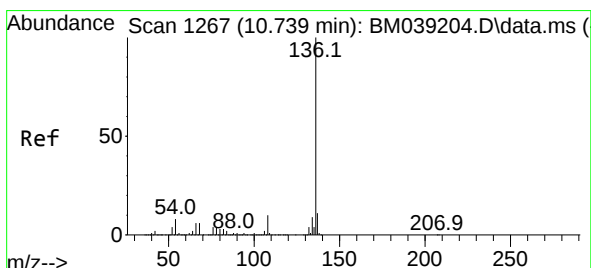
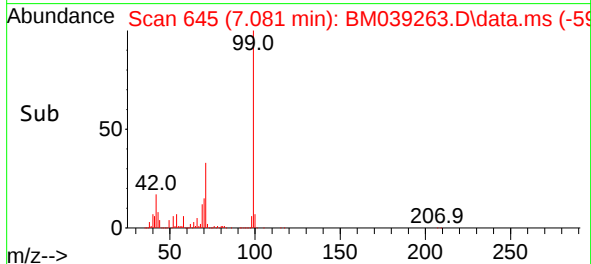
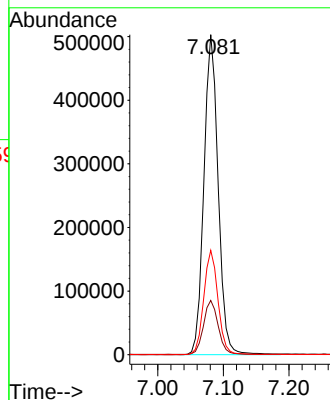
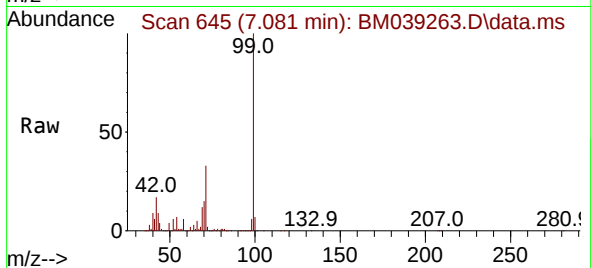




#7
Phenol-d6
Concen: 44.024 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

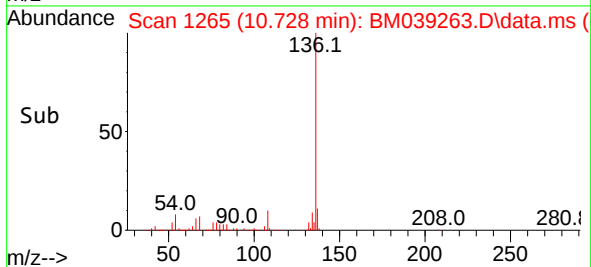
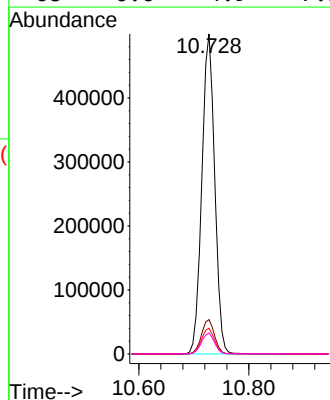
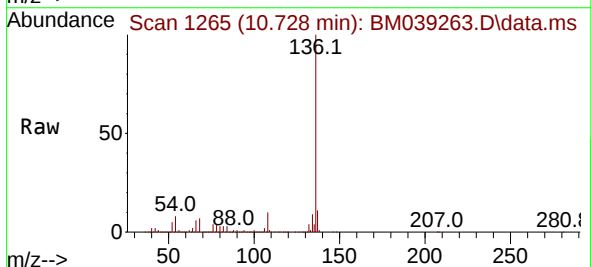
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

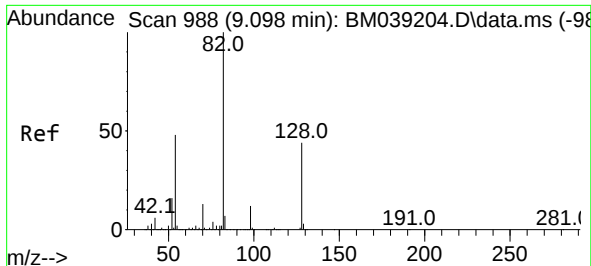
Tgt Ion: 99 Resp: 762029
Ion Ratio Lower Upper
99 100
42 16.9 13.0 19.6
71 32.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion: 136 Resp: 812159
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.1 6.2 9.4
68 6.6 4.9 7.3

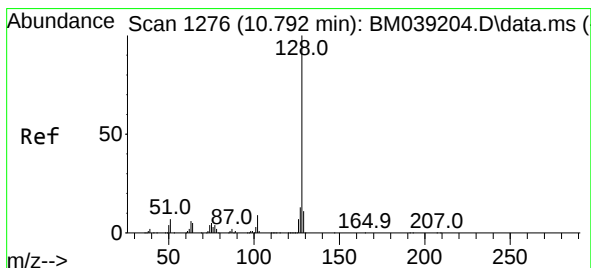
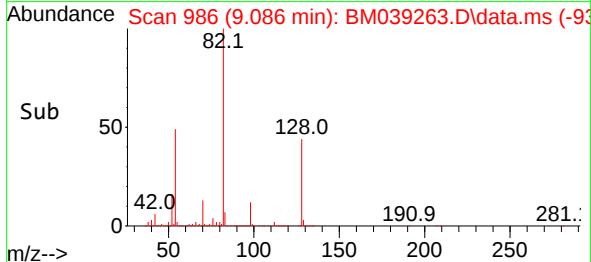
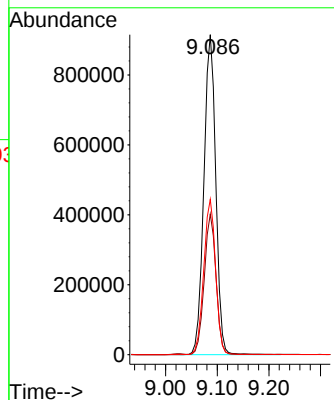
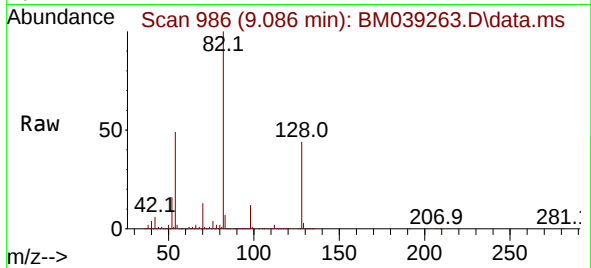




#23
Nitrobenzene-d5
Concen: 87.568 ng
RT: 9.086 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

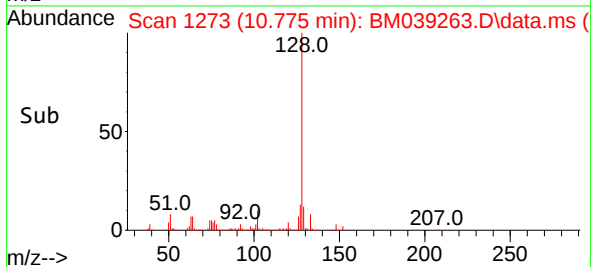
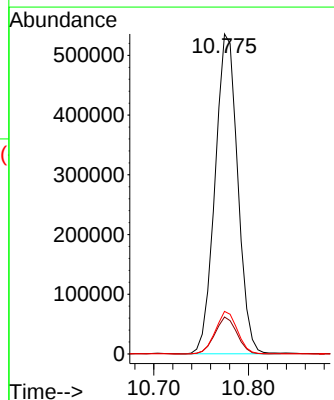
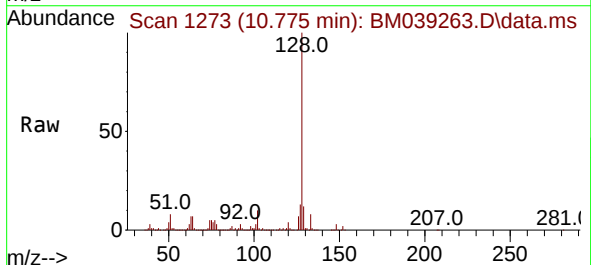
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

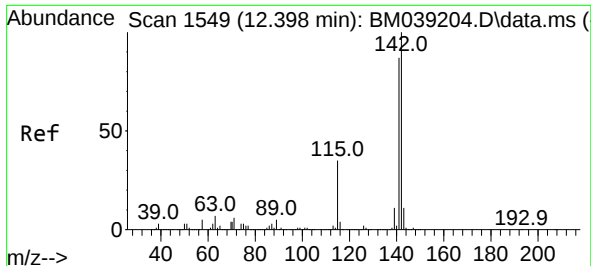
Tgt Ion: 82 Resp: 1463292
Ion Ratio Lower Upper
82 100
128 43.9 35.1 52.7
54 48.6 38.5 57.7



#31
Naphthalene
Concen: 20.345 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion: 128 Resp: 890357
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.3 10.3 15.5

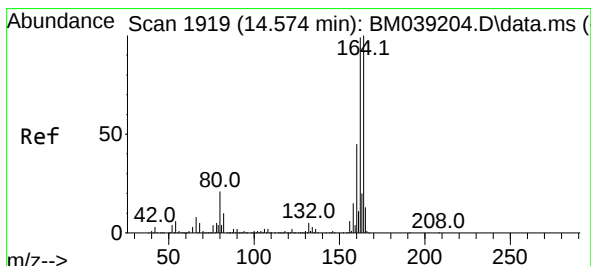
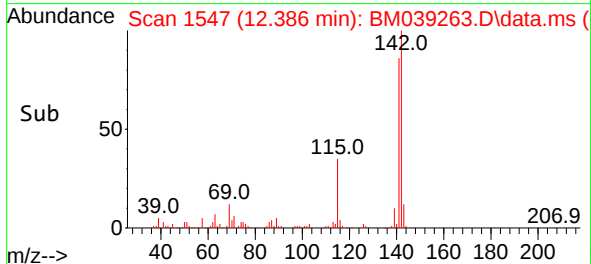
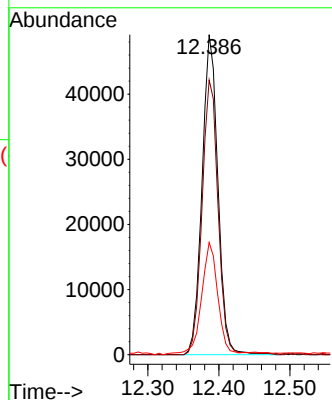
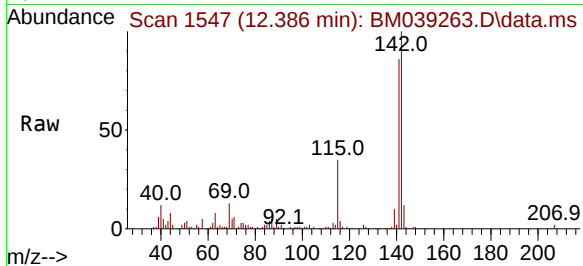




#37
2-Methylnaphthalene
Concen: 2.508 ng
RT: 12.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

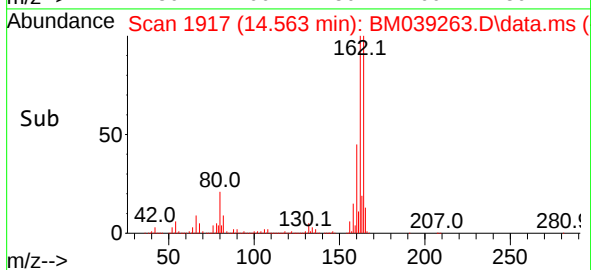
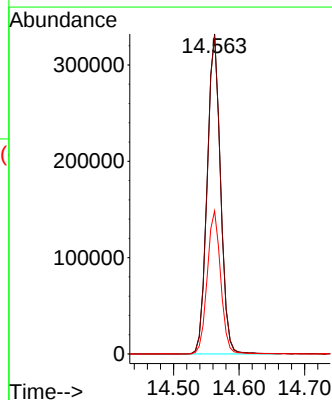
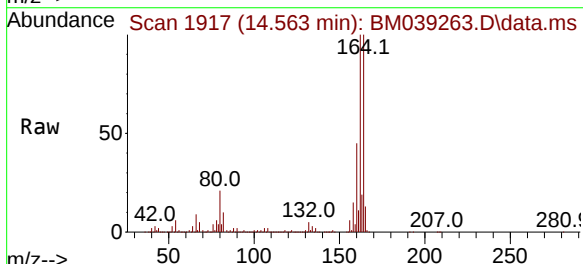
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

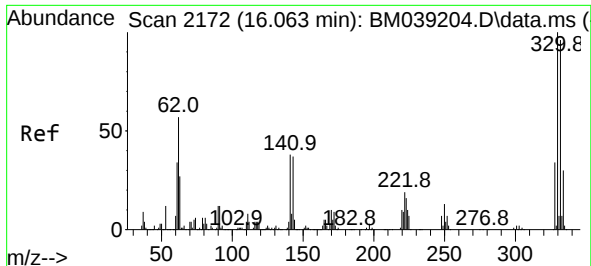
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.8	104.8
115	35.1	27.8	41.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.1	118.7
160	44.7	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 135.343 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Instrument :

BNA_M

ClientSampleId :

B-30-GW01

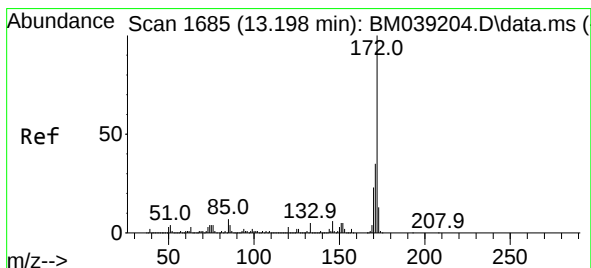
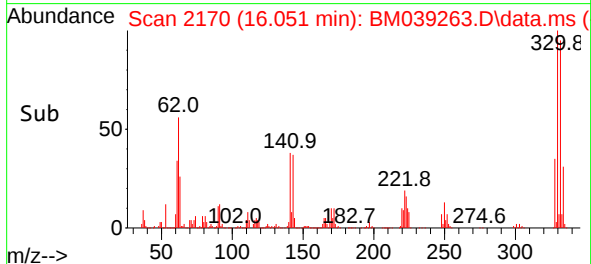
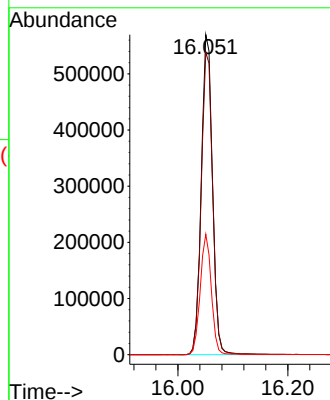
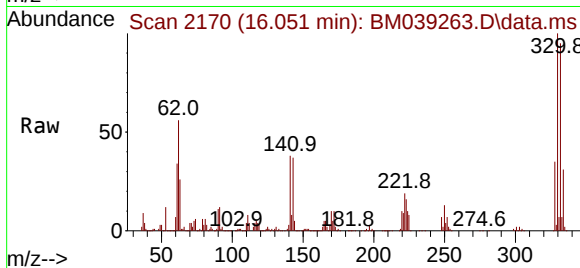
Tgt Ion:330 Resp: 809307

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 37.5 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 88.240 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

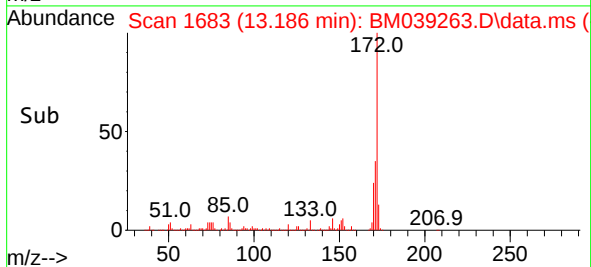
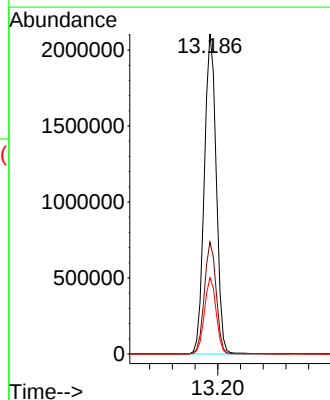
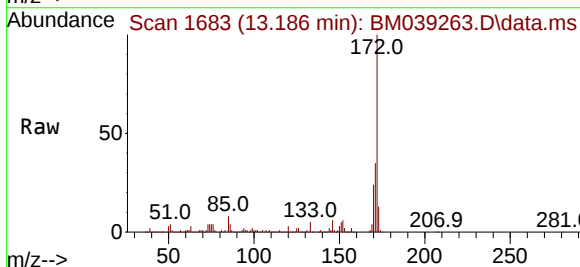
Tgt Ion:172 Resp: 3067839

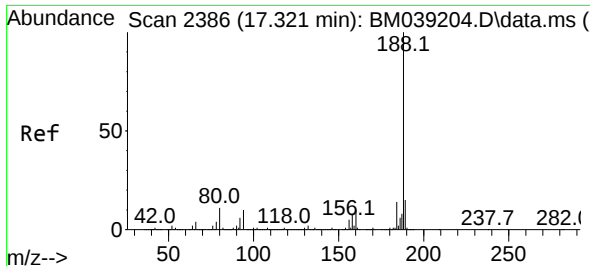
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.8 18.7 28.1

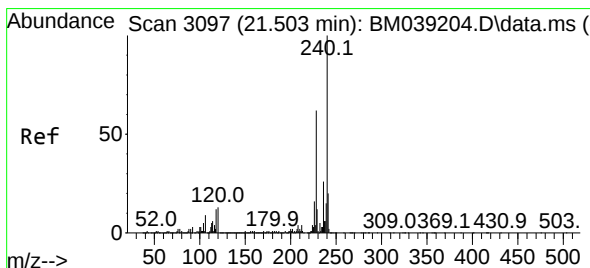
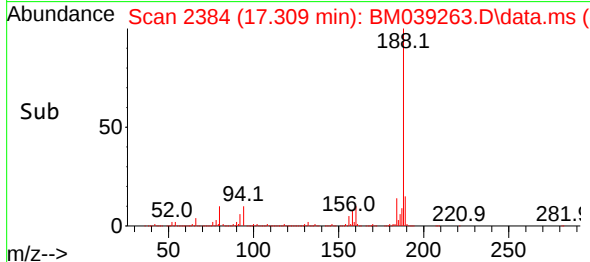
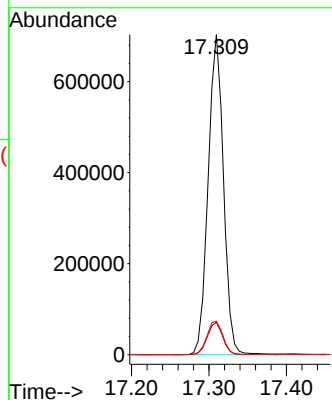
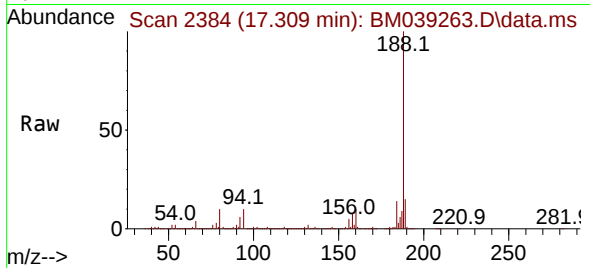




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

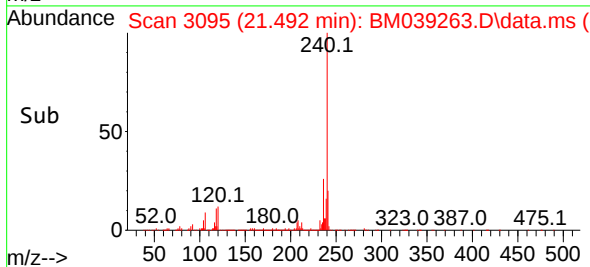
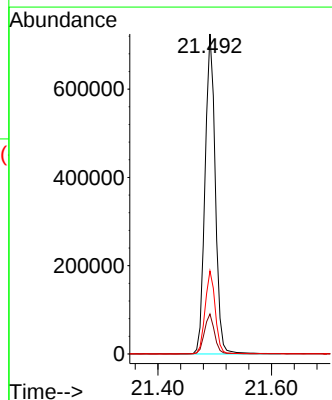
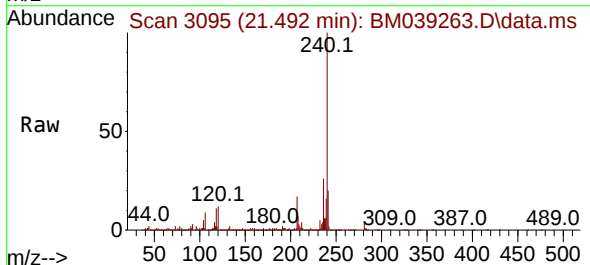
Instrument :
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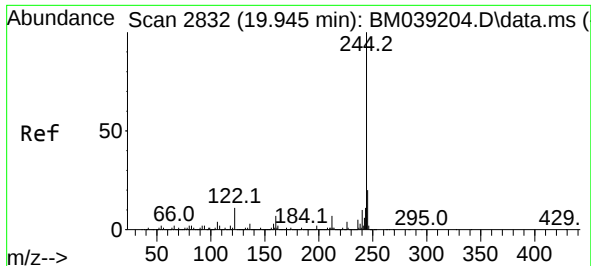
Tgt Ion:188 Resp: 965338
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion:240 Resp: 906663
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.2
236 26.0 20.9 31.3

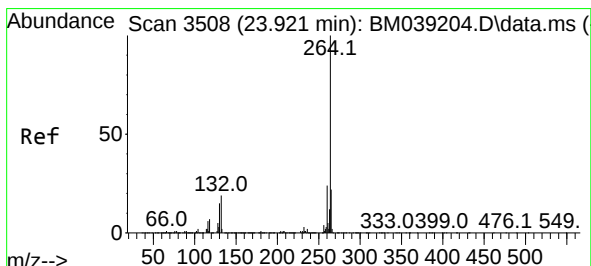
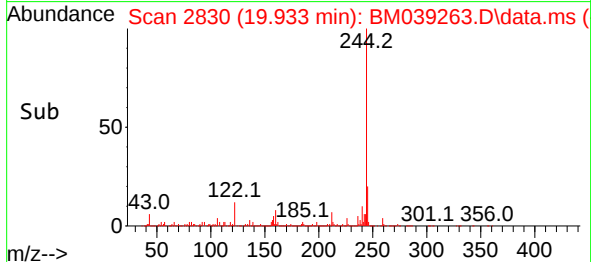
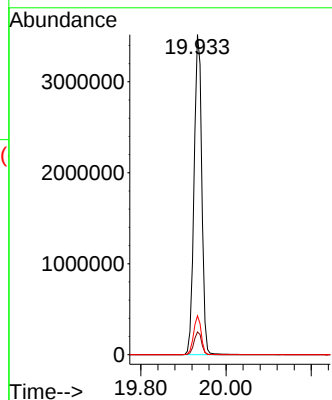
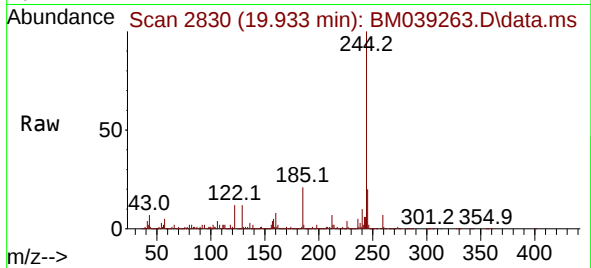




#79
 Terphenyl-d14
 Concen: 89.900 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039263.D
 Acq: 31 Mar 2023 21:13

Instrument :
 BNA_M
 ClientSampleId :
 B-30-GW01

Tgt Ion:244 Resp: 4411741
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.2 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM039263.D
 Acq: 31 Mar 2023 21:13

Tgt Ion:264 Resp: 1091434
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.8 18.1 27.1

