

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044091.D
 Acq On : 14 Feb 2024 20:15
 Operator : MA/JU
 Sample : P1394-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-020624

Quant Time: Feb 15 01:04:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	422879	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1734439	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1038113	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2064427	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1490359	20.000	ng	0.00
86) Perylene-d12	23.892	264	1492883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2890399	99.411	ng	0.00
7) Phenol-d6	7.069	99	3614658	97.710	ng	-0.01
23) Nitrobenzene-d5	9.069	82	1991634	60.932	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	225374	20.051	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4378890	59.531	ng	0.00
79) Terphenyl-d14	19.939	244	5659539	66.570	ng	0.00

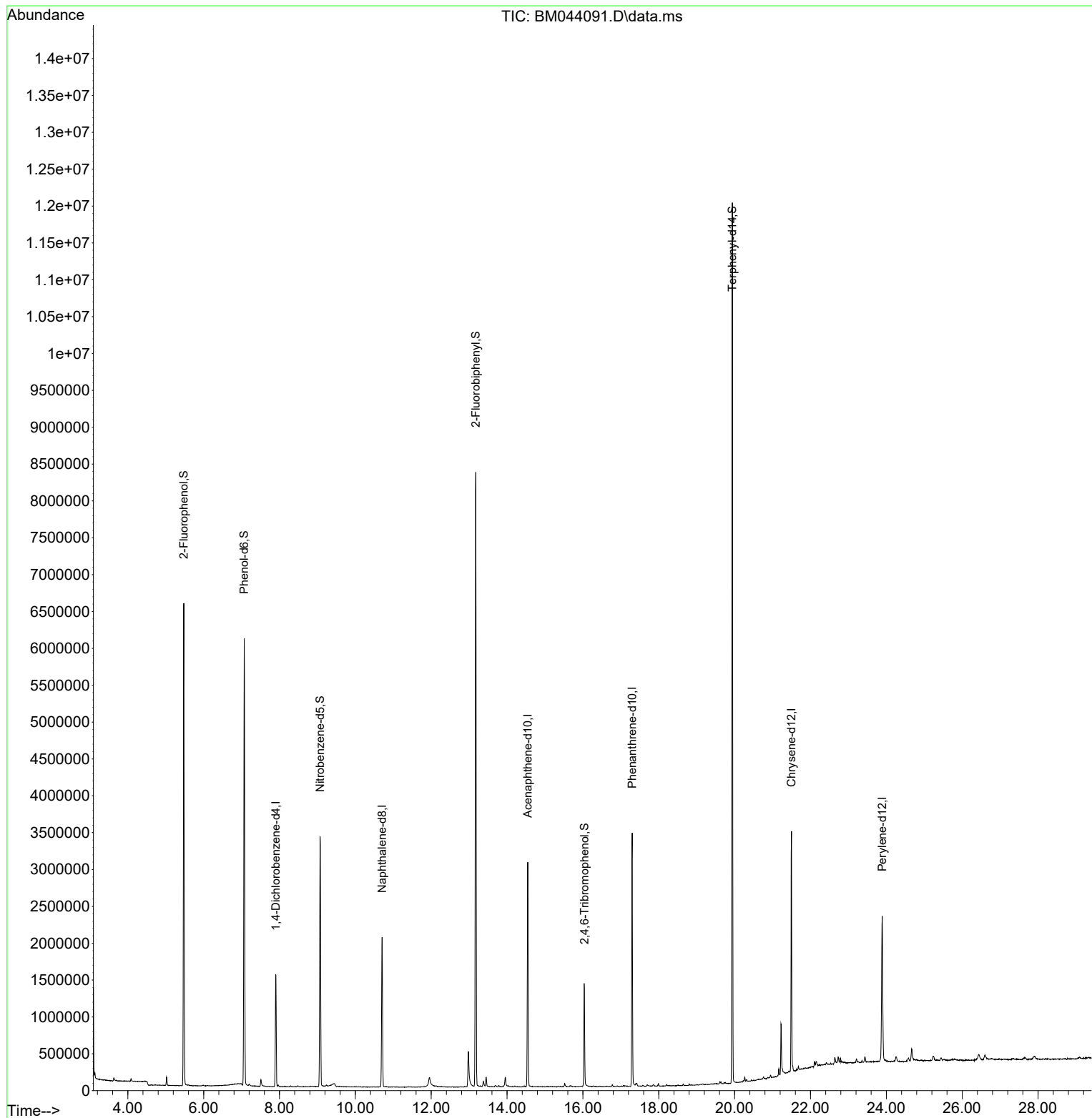
Target Compounds	Qvalue

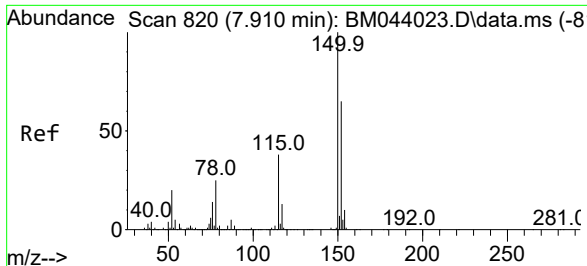
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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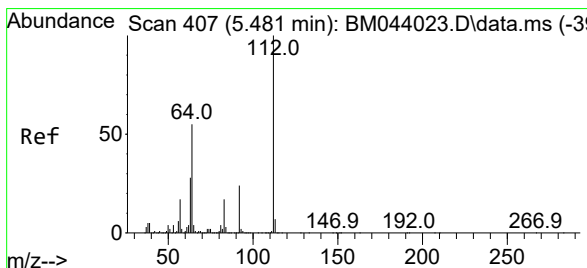
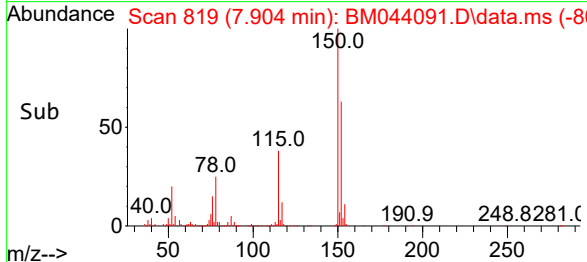
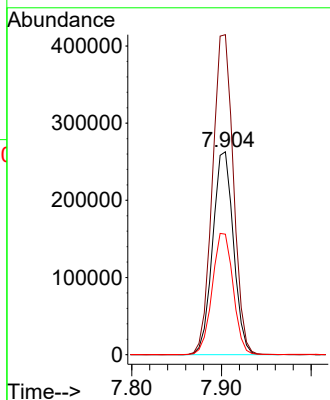
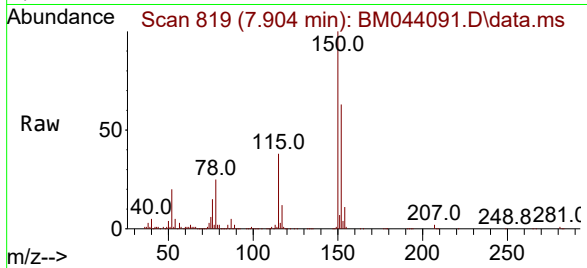




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM044091.D
 Acq: 14 Feb 2024 20:15

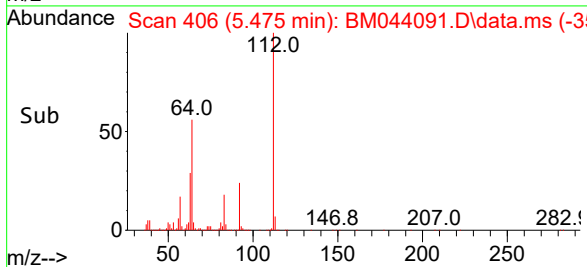
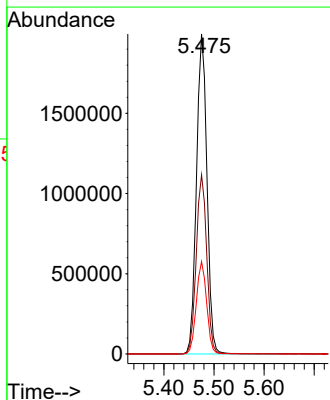
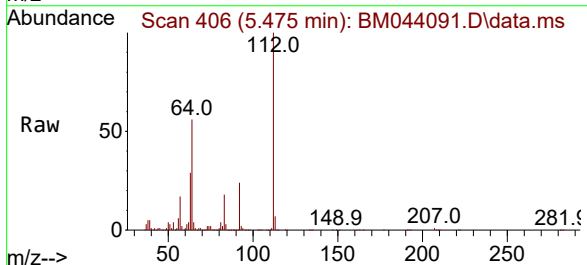
Instrument :
 BNA_M
 ClientSampleId :
 DUP-020624

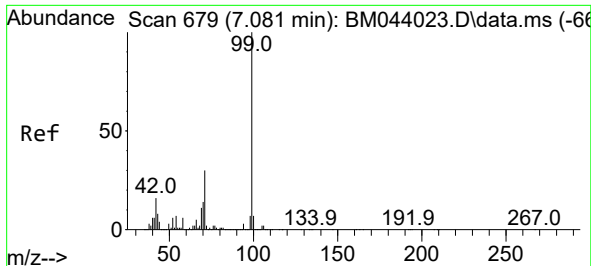
Tgt Ion:152 Resp: 422879
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.7 184.1
 115 59.4 47.0 70.6



#5
 2-Fluorophenol
 Concen: 99.411 ng
 RT: 5.475 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: BM044091.D
 Acq: 14 Feb 2024 20:15

Tgt Ion:112 Resp: 2890399
 Ion Ratio Lower Upper
 112 100
 64 56.0 44.2 66.4
 63 28.9 22.6 34.0

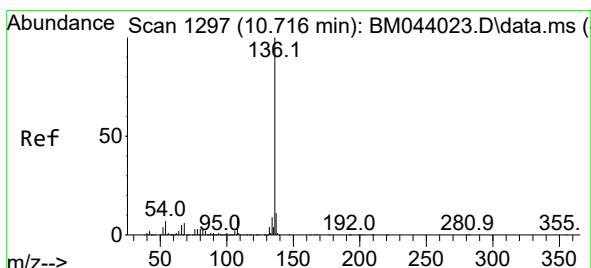
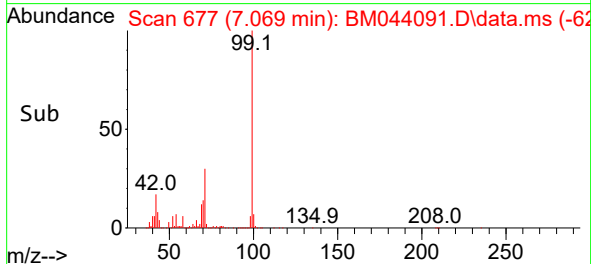
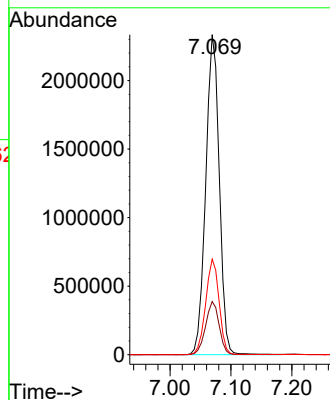
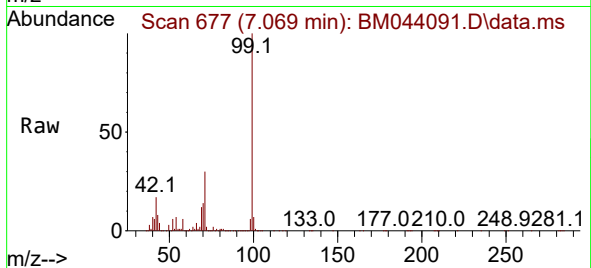




#7
Phenol-d6
Concen: 97.710 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044091.D
Acq: 14 Feb 2024 20:15

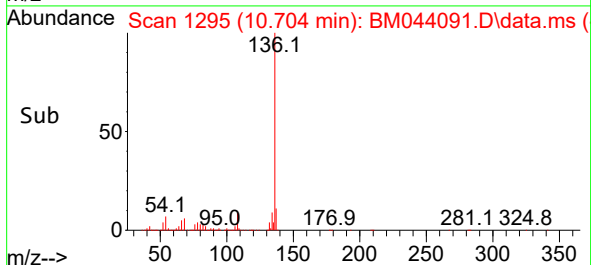
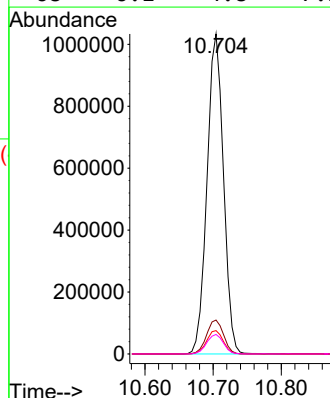
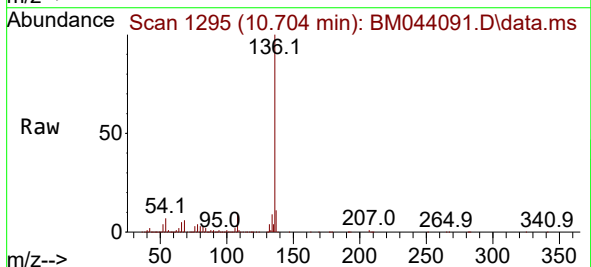
Instrument :
BNA_M
ClientSampleId :
DUP-020624

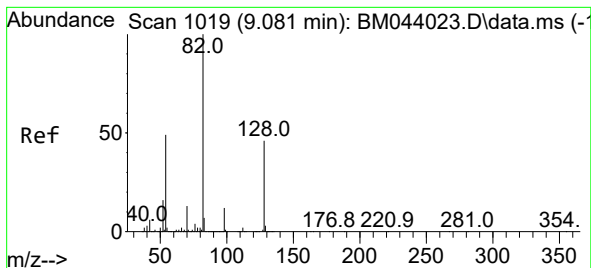
Tgt Ion: 99 Resp: 3614658
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 29.8 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044091.D
Acq: 14 Feb 2024 20:15

Tgt Ion: 136 Resp: 1734439
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 5.9 8.9
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.932 ng

RT: 9.069 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BM044091.D

Acq: 14 Feb 2024 20:15

Instrument :

BNA_M

ClientSampleId :

DUP-020624

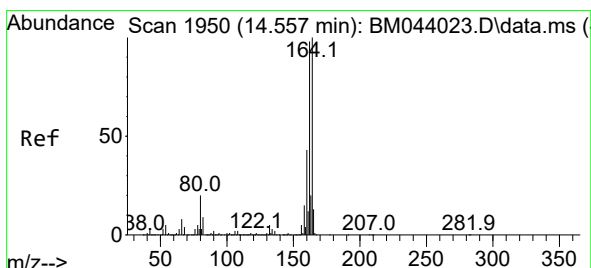
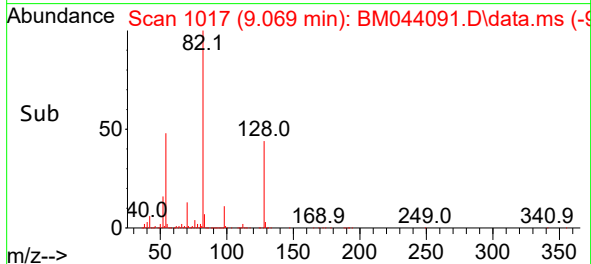
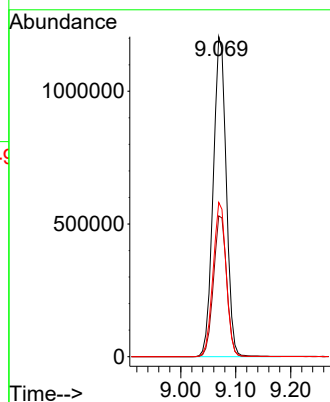
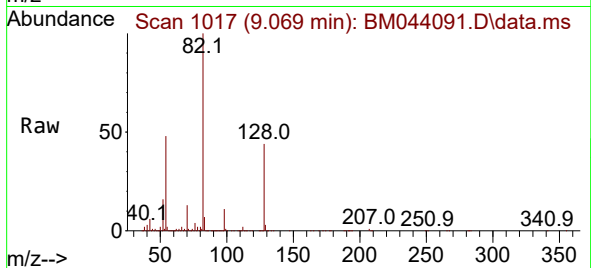
Tgt Ion: 82 Resp: 1991634

Ion Ratio Lower Upper

82 100

128 44.0 37.1 55.7

54 48.2 38.9 58.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BM044091.D

Acq: 14 Feb 2024 20:15

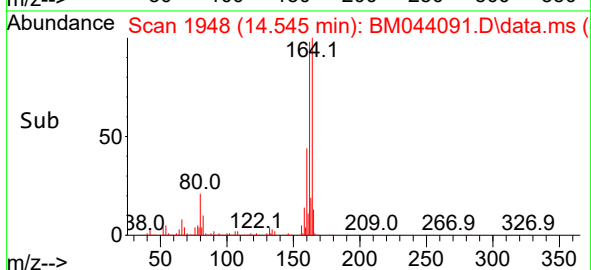
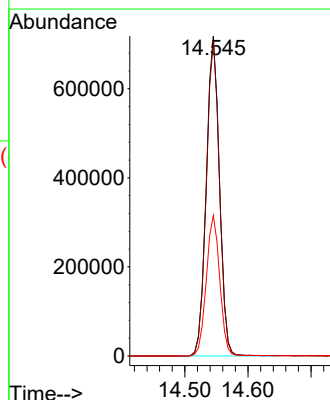
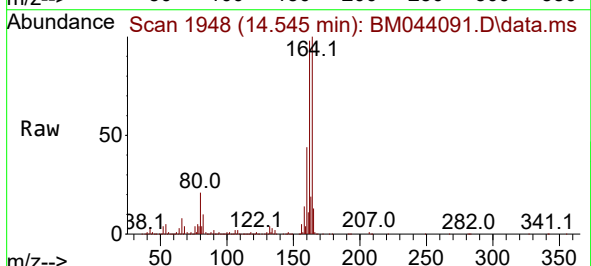
Tgt Ion: 164 Resp: 1038113

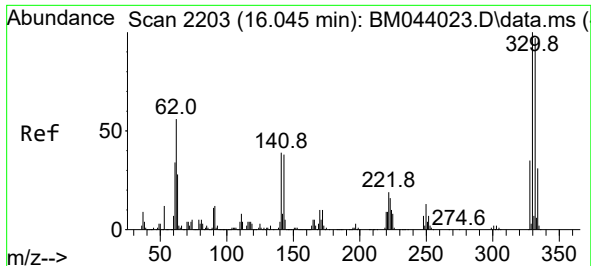
Ion Ratio Lower Upper

164 100

162 98.3 78.4 117.6

160 43.9 34.6 51.8

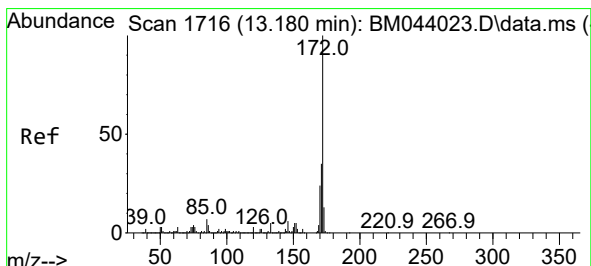
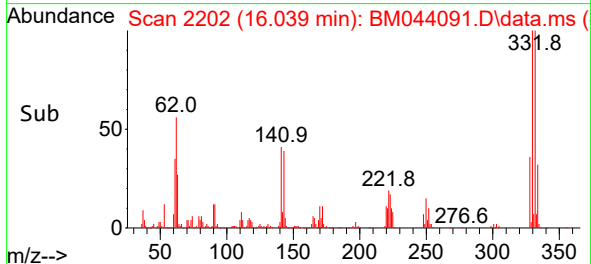
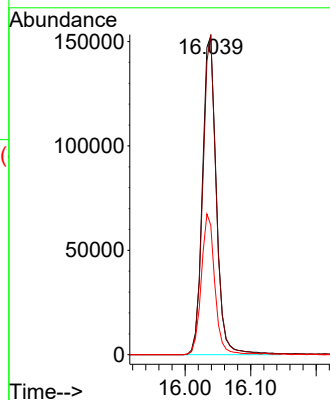
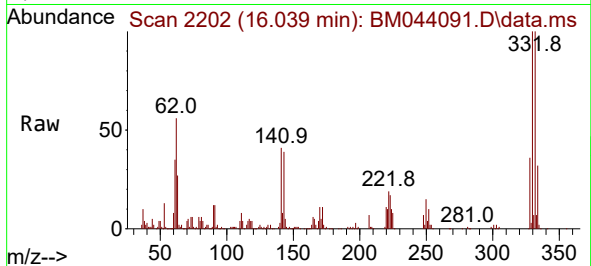




#42
2,4,6-Tribromophenol
Concen: 20.051 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044091.D
Acq: 14 Feb 2024 20:15

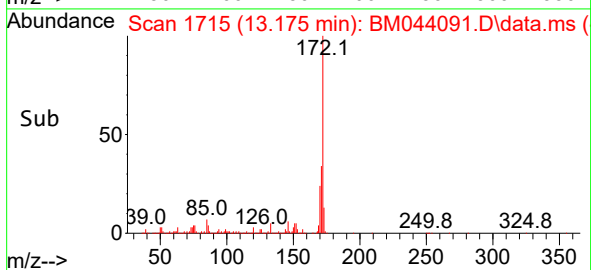
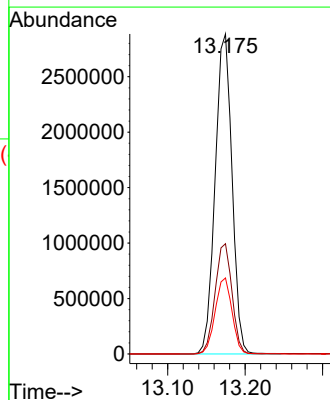
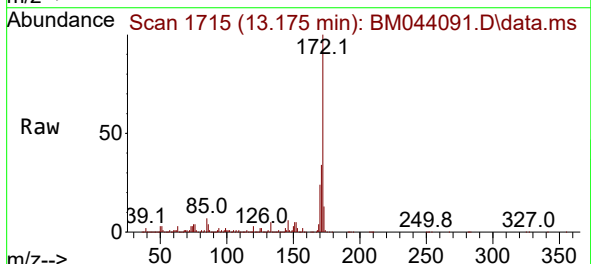
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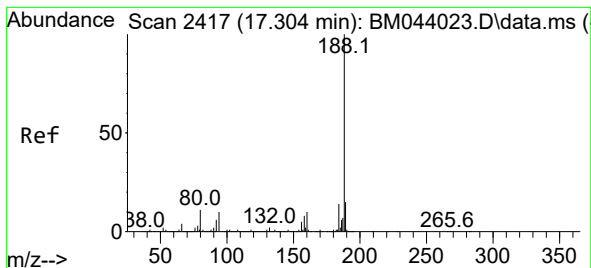
Tgt Ion:330 Resp: 225374
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 43.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 59.531 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044091.D
Acq: 14 Feb 2024 20:15

Tgt Ion:172 Resp: 4378890
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 241

Delta R.T. -0.006 min

Lab File: BM044091.D

Acq: 14 Feb 2024 20:15

Instrument :

BNA_M

ClientSampleId :

DUP-020624

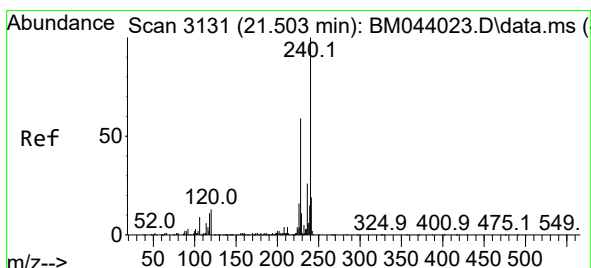
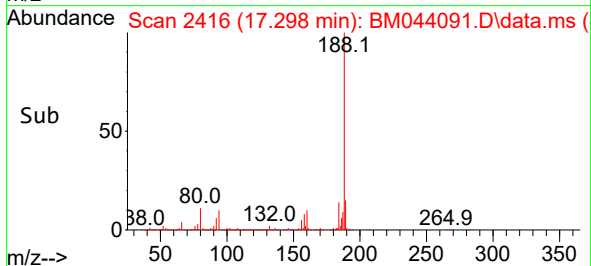
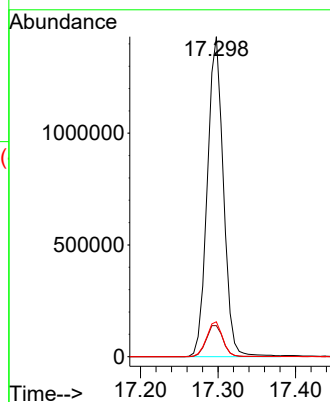
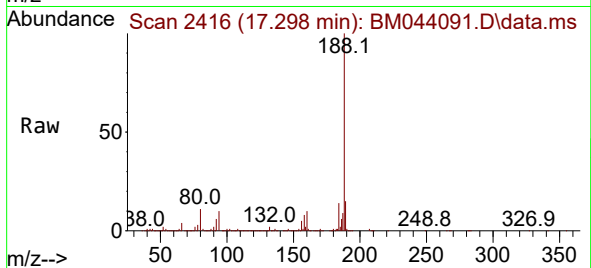
Tgt Ion:188 Resp: 2064427

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

80 10.9 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044091.D

Acq: 14 Feb 2024 20:15

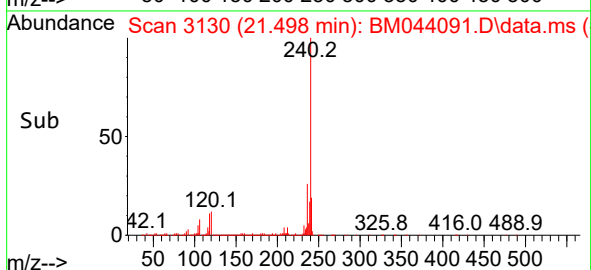
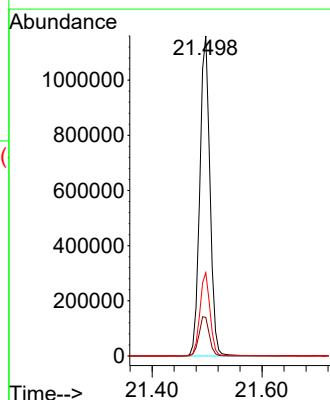
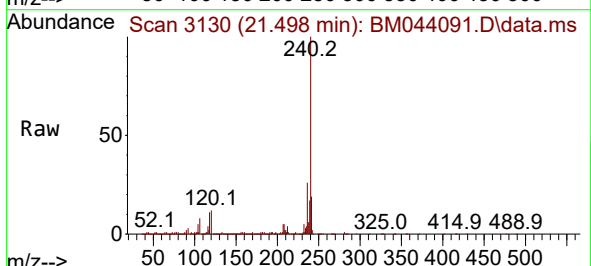
Tgt Ion:240 Resp: 1490359

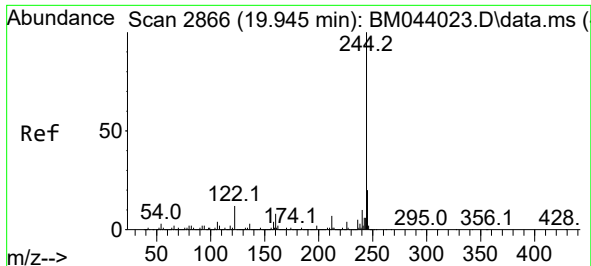
Ion Ratio Lower Upper

240 100

120 12.1 10.1 15.1

236 26.0 20.6 31.0

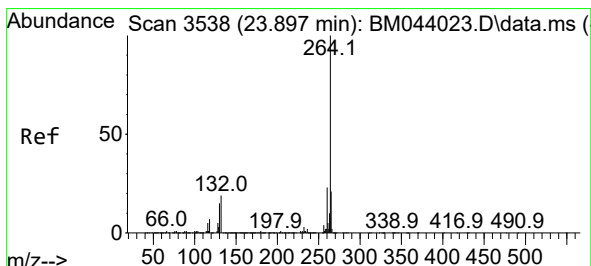
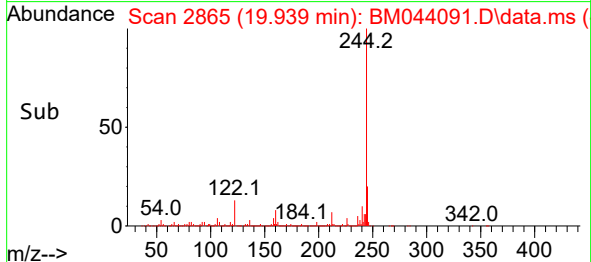
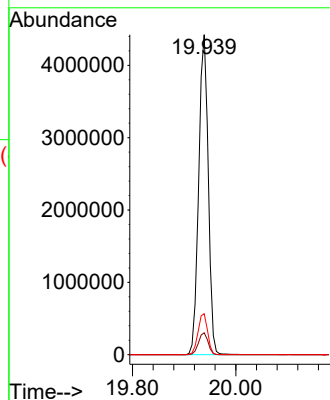
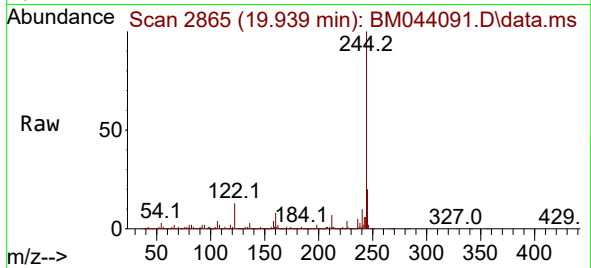




#79
 Terphenyl-d14
 Concen: 66.570 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044091.D
 Acq: 14 Feb 2024 20:15

Instrument :
 BNA_M
 ClientSampleId :
 DUP-020624

Tgt Ion:244 Resp: 5659539
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 12.8 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.892 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM044091.D
 Acq: 14 Feb 2024 20:15

Tgt Ion:264 Resp: 1492883
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.1 17.3 25.9

