

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044057.D
 Acq On : 12 Feb 2024 15:18
 Operator : MA/JU
 Sample : PB158274BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158274BL

Quant Time: Feb 12 16:16:34 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	430393	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1641794	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	843001	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1539371	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1113460	20.000	ng	0.00
86) Perylene-d12	23.897	264	1216202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4015896	135.710	ng	0.00
7) Phenol-d6	7.075	99	4850634	128.831	ng	0.00
23) Nitrobenzene-d5	9.075	82	2763449	89.316	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1100137	120.531	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	5422642	90.784	ng	0.00
79) Terphenyl-d14	19.945	244	5908225	93.019	ng	0.00

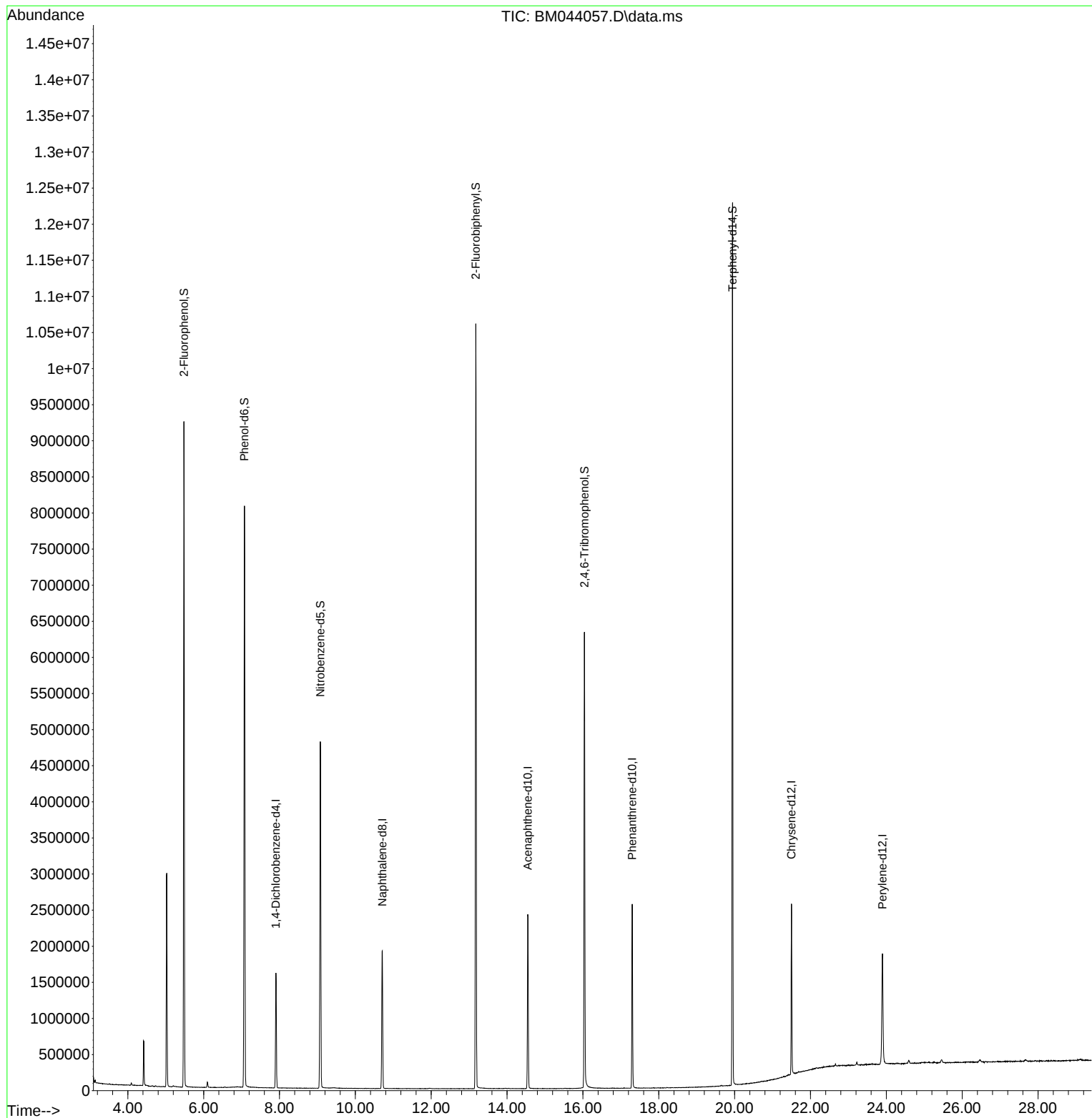
Target Compounds	Qvalue

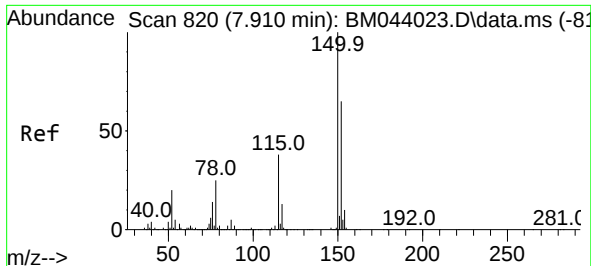
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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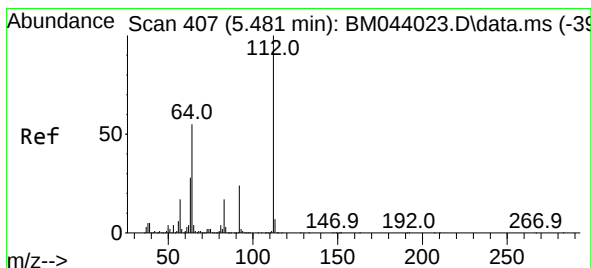
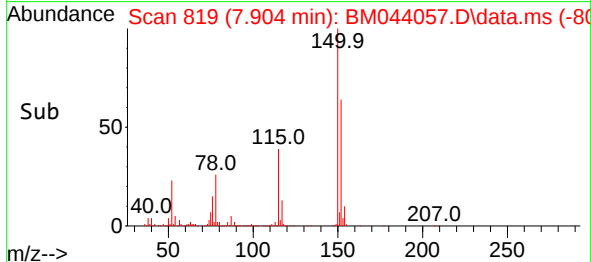
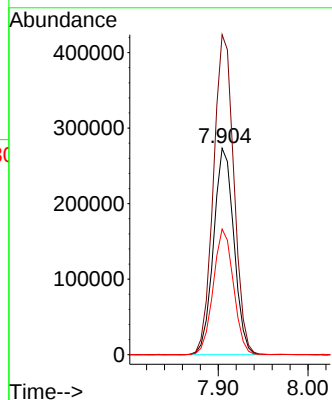
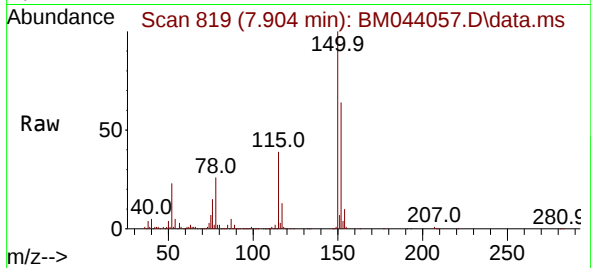


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044057.D
 Acq: 12 Feb 2024 15:18

Instrument :
 BNA_M
 ClientSampleId :
 PB158274BL

Tgt Ion:152 Resp: 430393

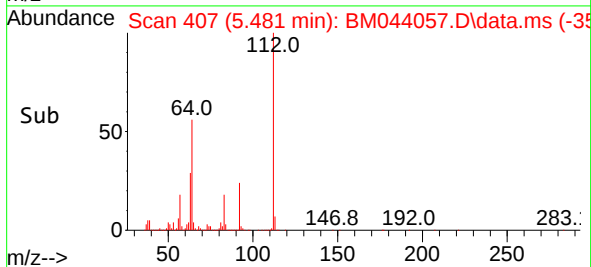
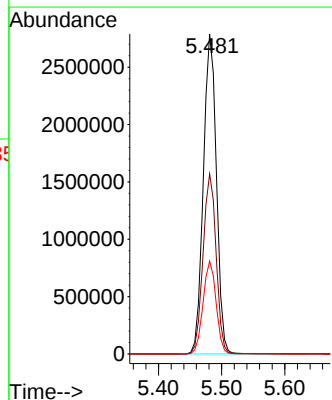
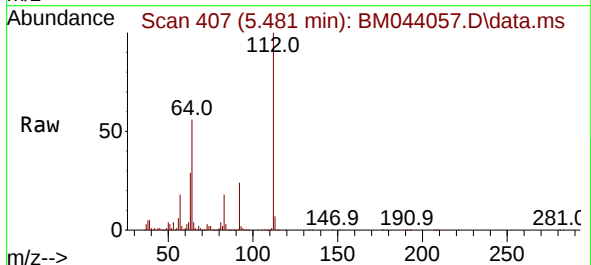
Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.7	184.1
115	60.9	47.0	70.6

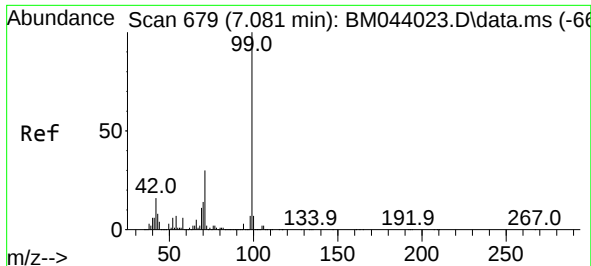


#5
 2-Fluorophenol
 Concen: 135.710 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044057.D
 Acq: 12 Feb 2024 15:18

Tgt Ion:112 Resp: 4015896

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.2	66.4
63	29.0	22.6	34.0

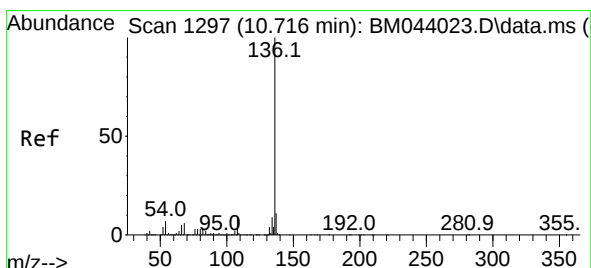
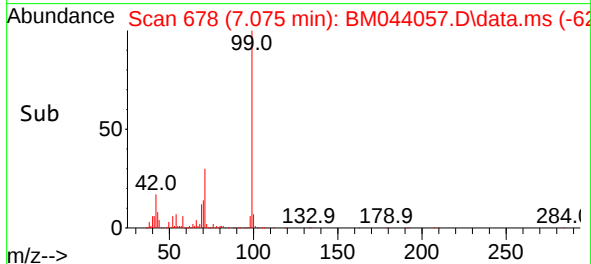
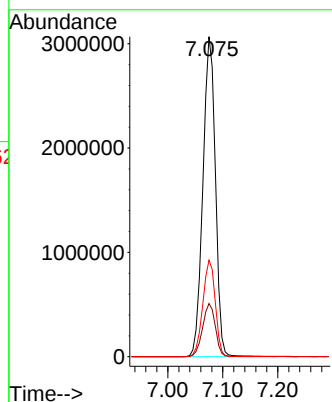
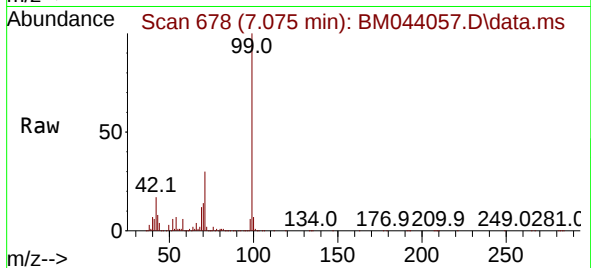




#7
Phenol-d6
Concen: 128.831 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044057.D
Acq: 12 Feb 2024 15:18

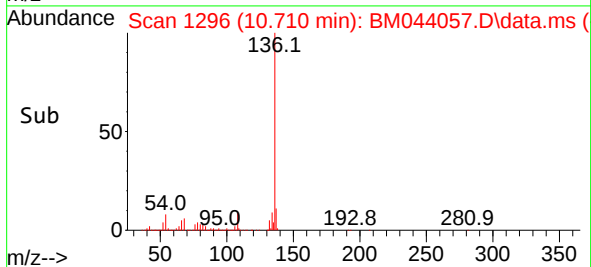
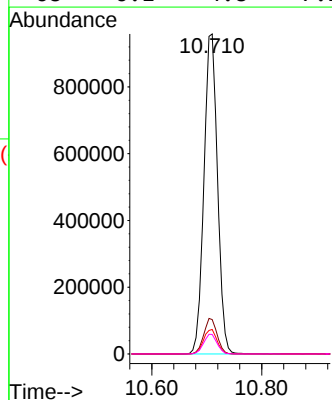
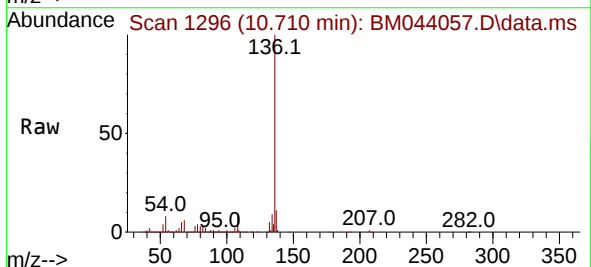
Instrument :
BNA_M
ClientSampleId :
PB158274BL

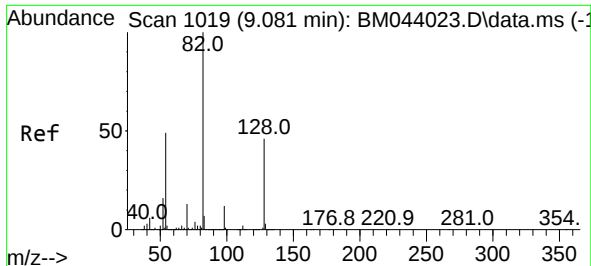
Tgt Ion: 99 Resp: 4850634
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.2 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044057.D
Acq: 12 Feb 2024 15:18

Tgt Ion:136 Resp: 1641794
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 5.9 8.9
68 6.1 4.8 7.2

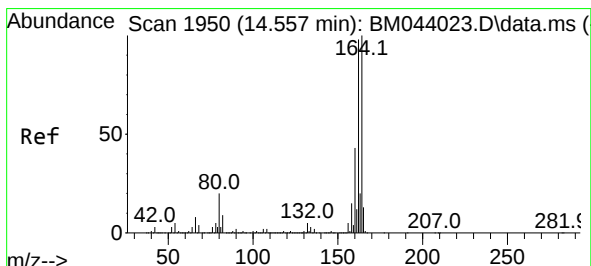
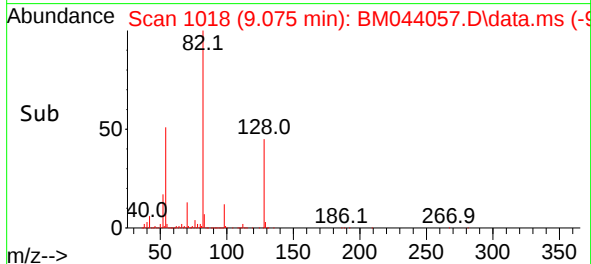
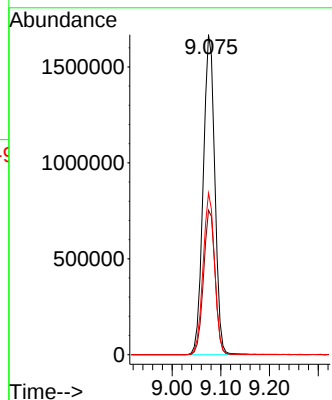
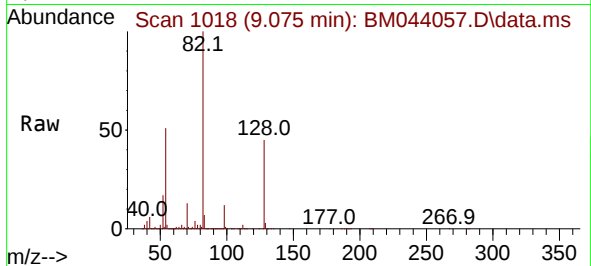




#23
Nitrobenzene-d5
Concen: 89.316 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044057.D
Acq: 12 Feb 2024 15:18

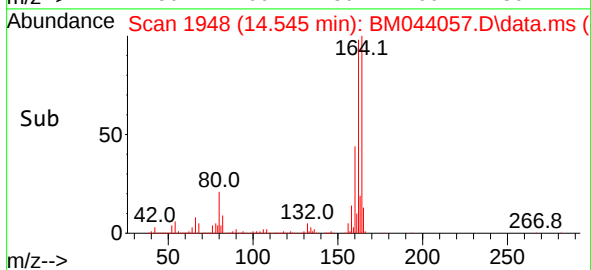
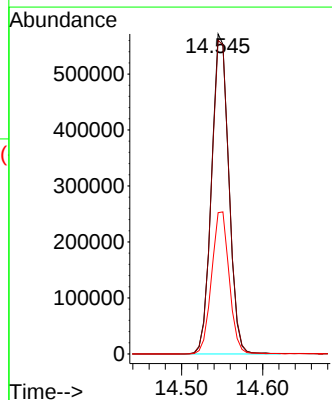
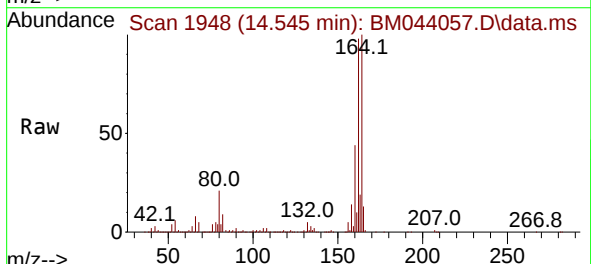
Instrument :
BNA_M
ClientSampleId :
PB158274BL

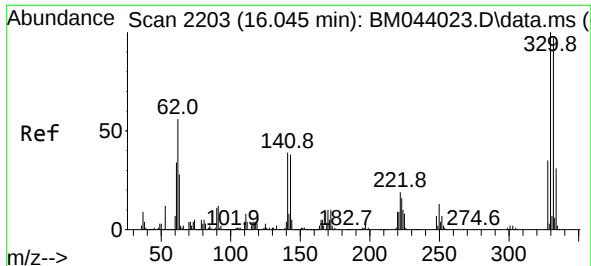
Tgt Ion: 82 Resp: 2763449
Ion Ratio Lower Upper
82 100
128 45.2 37.1 55.7
54 50.5 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044057.D
Acq: 12 Feb 2024 15:18

Tgt Ion: 164 Resp: 843001
Ion Ratio Lower Upper
164 100
162 98.0 78.4 117.6
160 44.1 34.6 51.8

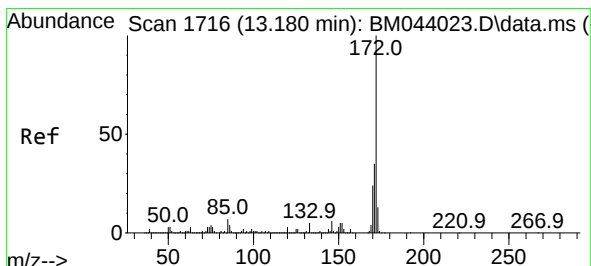
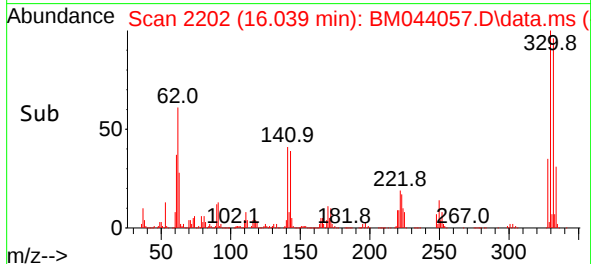
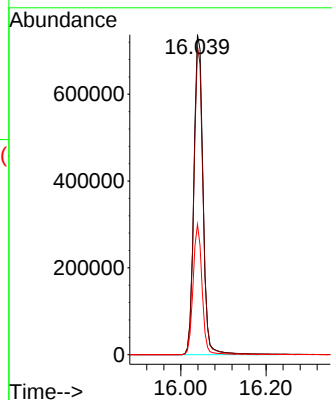
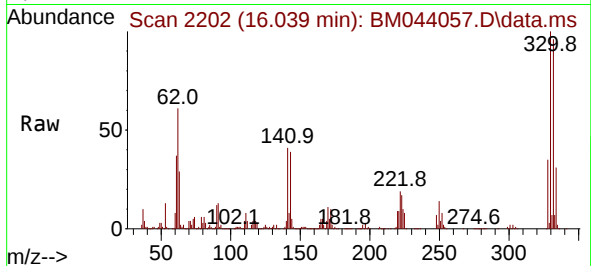




#42
 2,4,6-Tribromophenol
 Concen: 120.531 ng
 RT: 16.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044057.D
 Acq: 12 Feb 2024 15:18

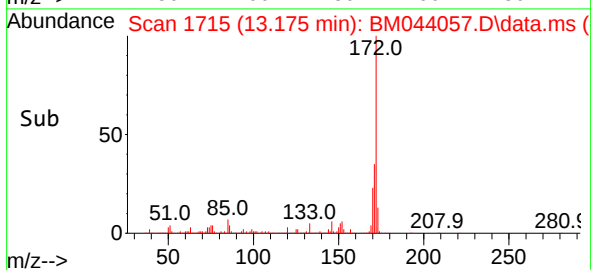
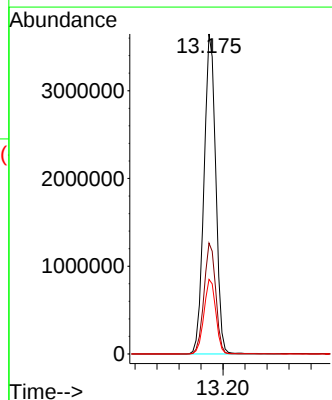
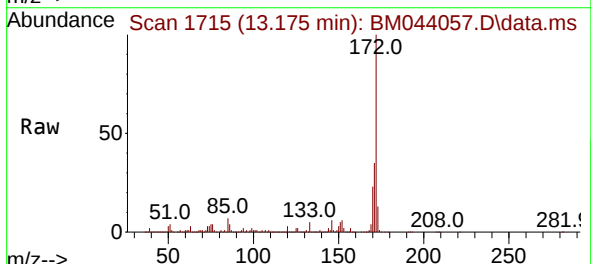
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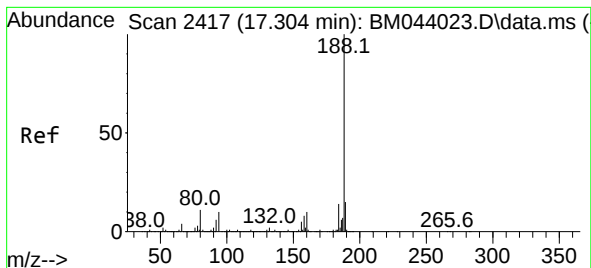
Tgt Ion:330 Resp: 1100137
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.7 116.5
 141 39.7 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 90.784 ng
 RT: 13.175 min Scan# 1715
 Delta R.T. -0.006 min
 Lab File: BM044057.D
 Acq: 12 Feb 2024 15:18

Tgt Ion:172 Resp: 5422642
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.9 41.9
 170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM044057.D

Acq: 12 Feb 2024 15:18

Instrument :

BNA_M

ClientSampleId :

PB158274BL

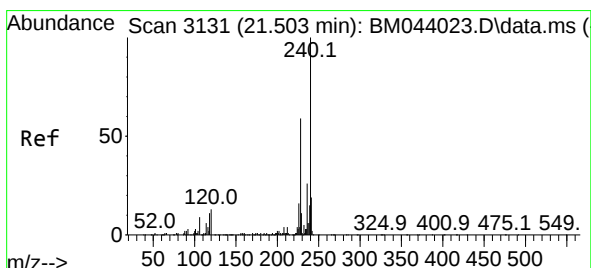
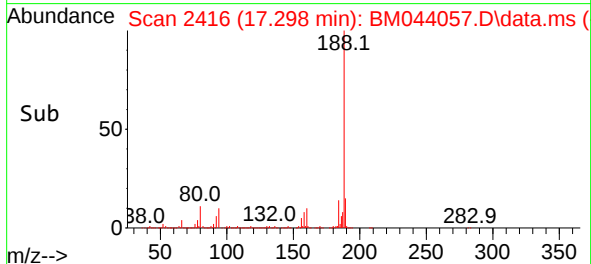
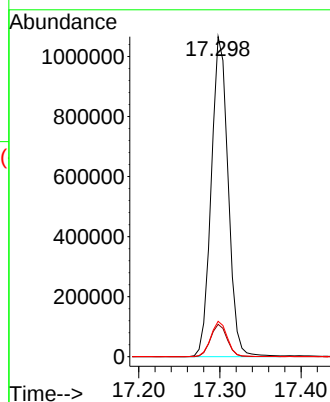
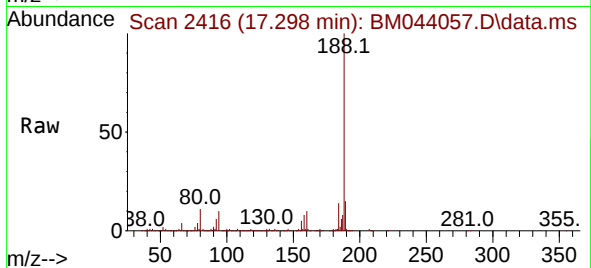
Tgt Ion:188 Resp: 1539371

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 11.1 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044057.D

Acq: 12 Feb 2024 15:18

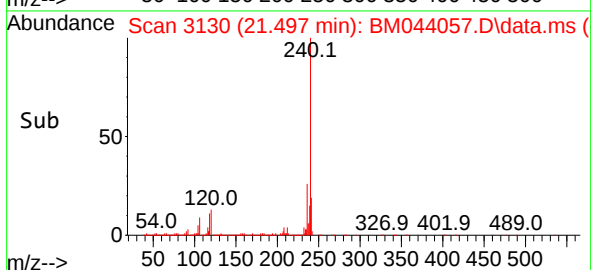
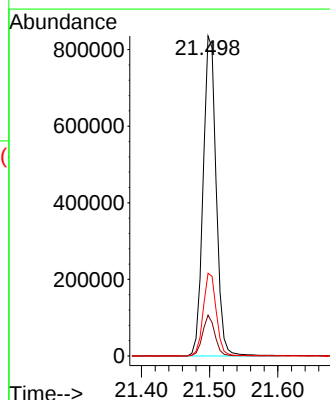
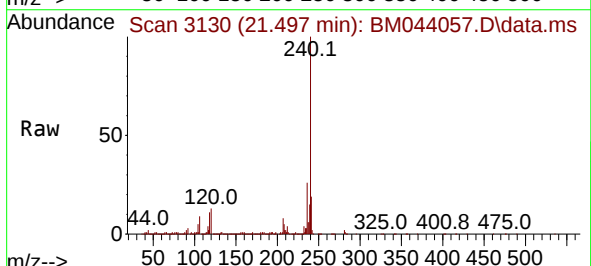
Tgt Ion:240 Resp: 1113460

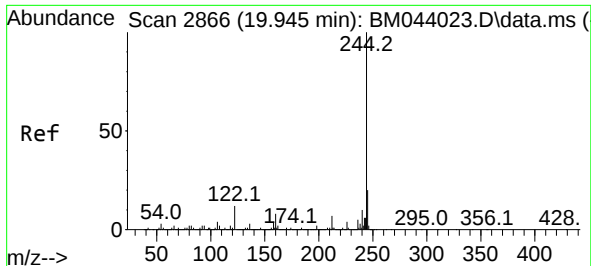
Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

236 25.8 20.6 31.0

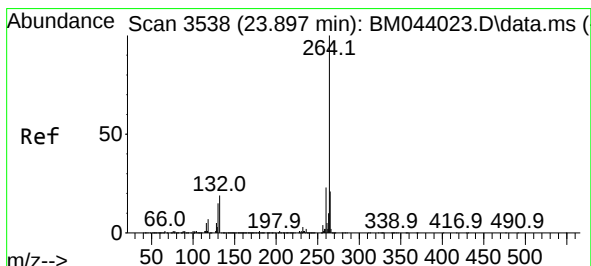
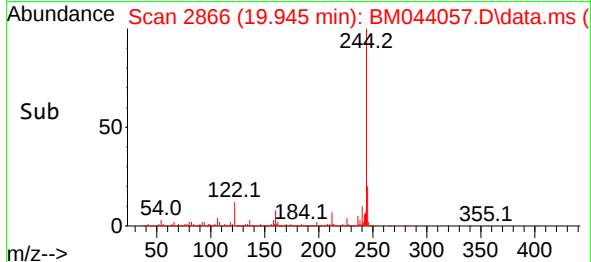
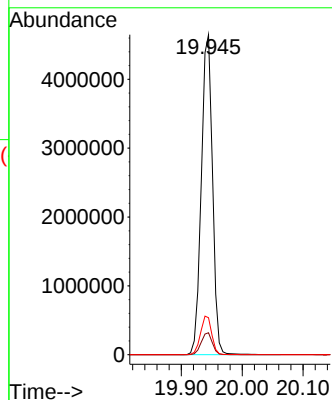
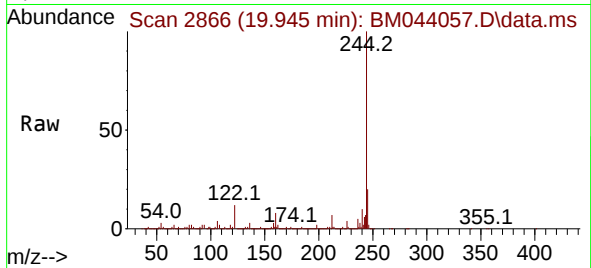




#79
 Terphenyl-d14
 Concen: 93.019 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044057.D
 Acq: 12 Feb 2024 15:18

Instrument :
 BNA_M
 ClientSampleId :
 PB158274BL

Tgt Ion:244 Resp: 5908225
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.5 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.897 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: BM044057.D
 Acq: 12 Feb 2024 15:18

Tgt Ion:264 Resp: 1216202
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.3 25.9

