

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044090.D
 Acq On : 14 Feb 2024 19:39
 Operator : MA/JU
 Sample : P1453-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Feb 15 01:03:59 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)

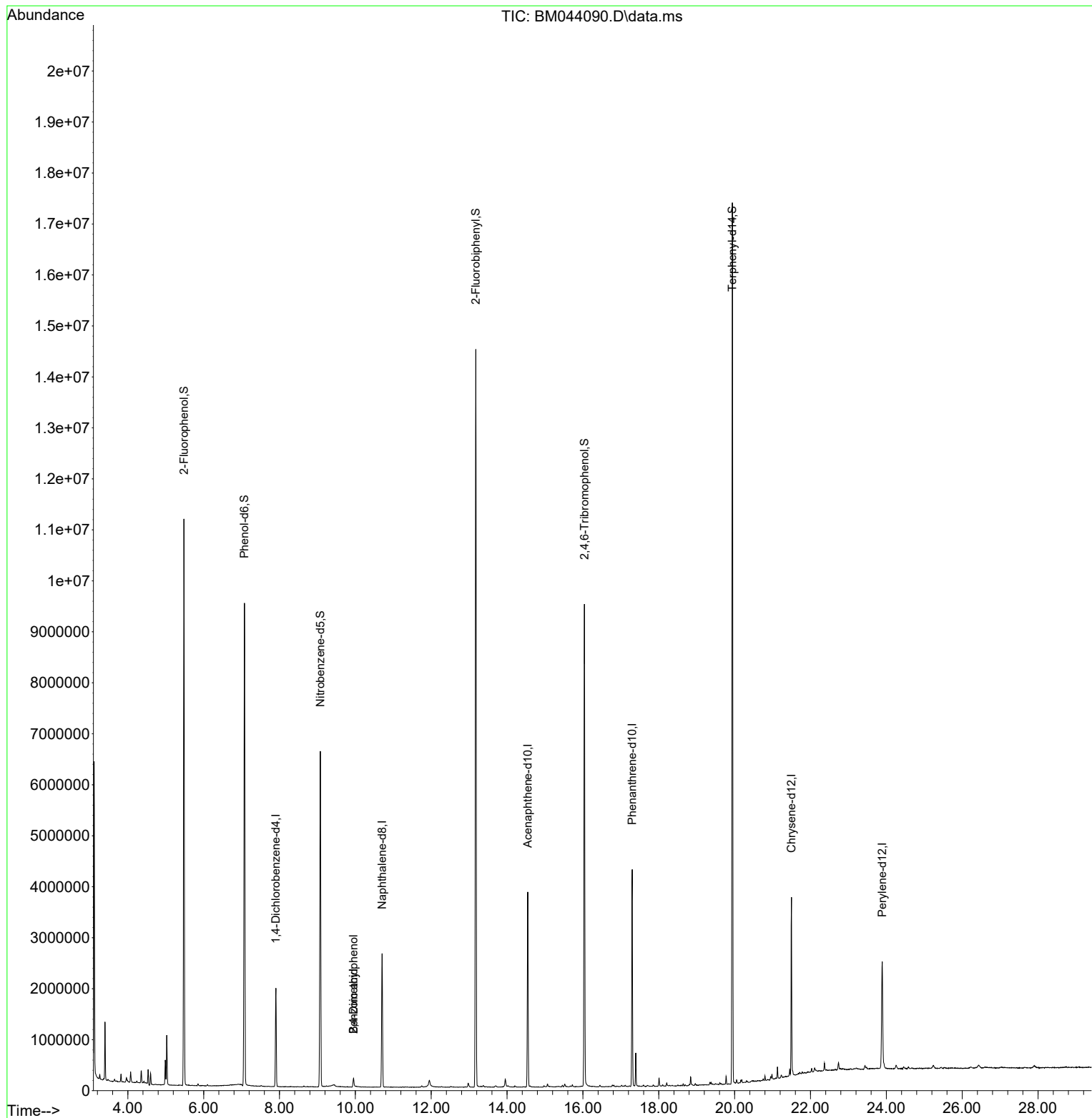
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	528936	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2229308	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1281676	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2492616	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1535527	20.000	ng	0.00
86) Perylene-d12	23.891	264	1600142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4982200	136.997	ng	0.00
7) Phenol-d6	7.075	99	5931577	128.190	ng	0.00
23) Nitrobenzene-d5	9.075	82	3891623	92.631	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1589883	114.569	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	7771477	85.576	ng	0.00
79) Terphenyl-d14	19.939	244	8559171	97.716	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.951	122	76645	3.005	ng	# 6
32) Benzoic acid	9.951	122	76645	2.983	ng	94

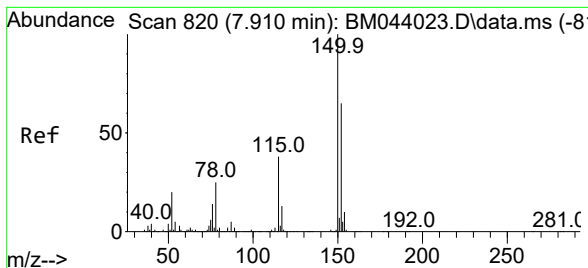
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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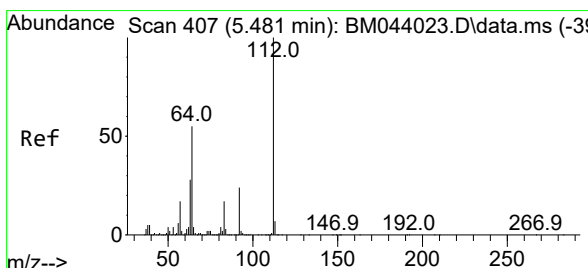
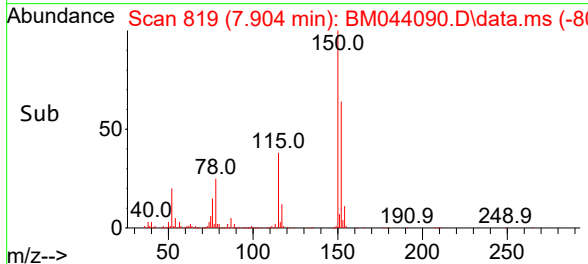
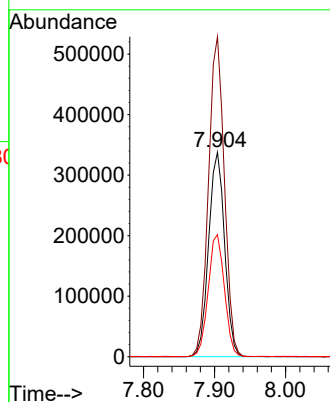
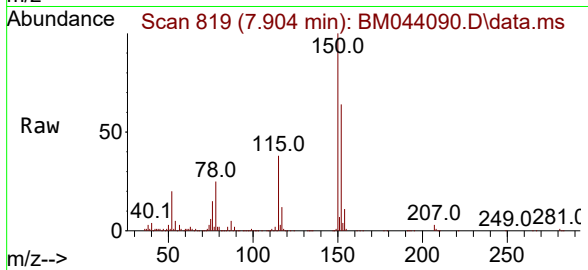




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044090.D
 Acq: 14 Feb 2024 19:39

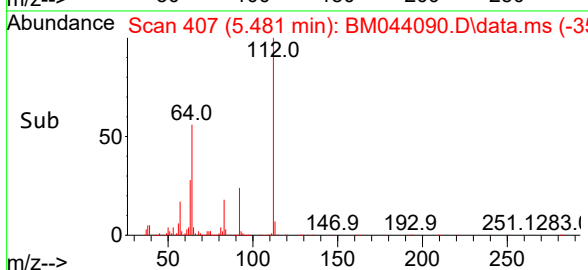
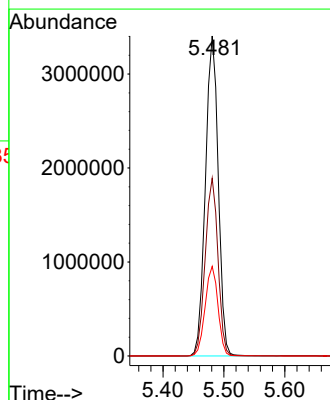
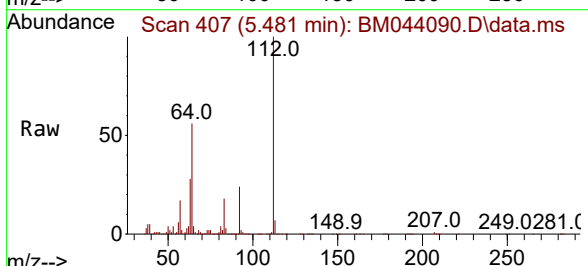
Instrument :
 BNA_M
 ClientSampleId :
 TP-2

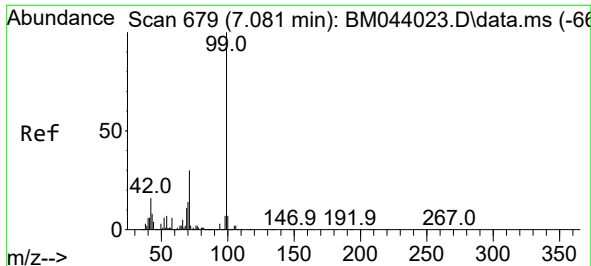
Tgt Ion:152 Resp: 528936
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.7 184.1
 115 59.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 136.997 ng
 RT: 5.481 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: BM044090.D
 Acq: 14 Feb 2024 19:39

Tgt Ion:112 Resp: 4982200
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.2 66.4
 63 28.0 22.6 34.0



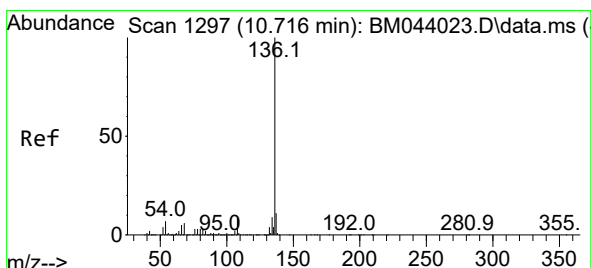
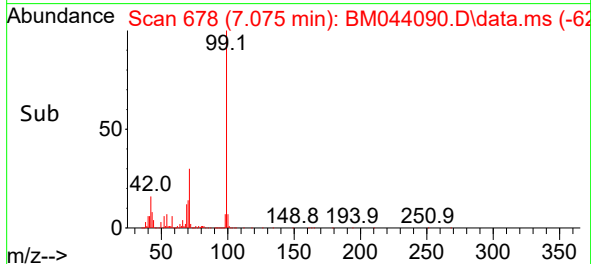
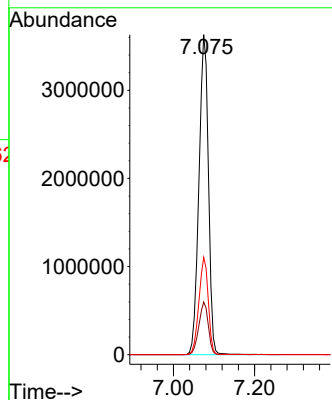
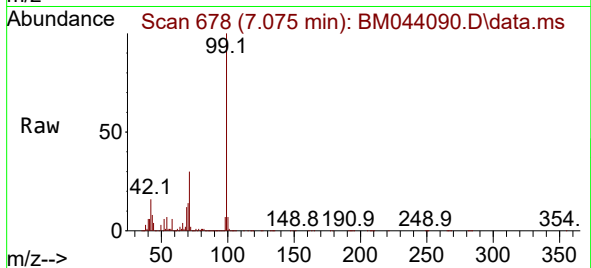


#7
Phenol-d6
Concen: 128.190 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 5931577

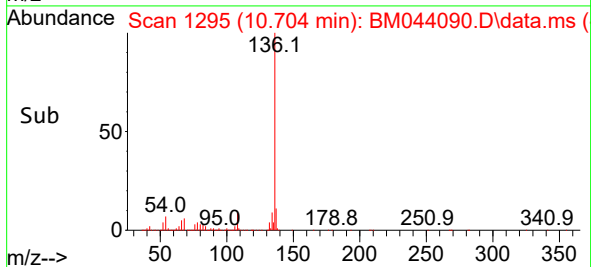
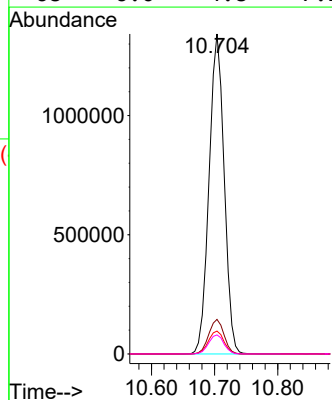
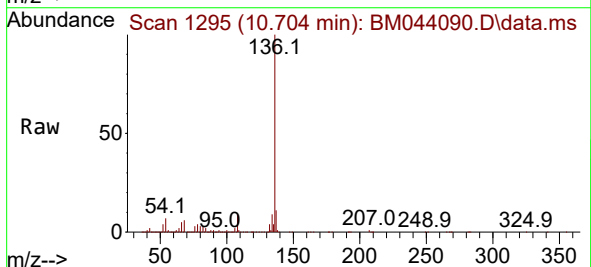
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.9	19.3
71	30.4	23.9	35.9

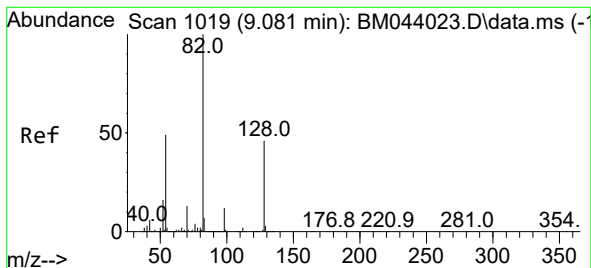


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Tgt Ion: 136 Resp: 2229308

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	5.9	8.9
68	6.0	4.8	7.2

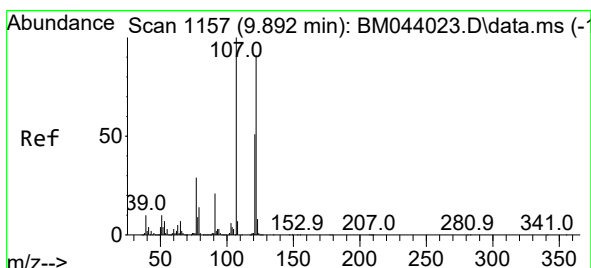
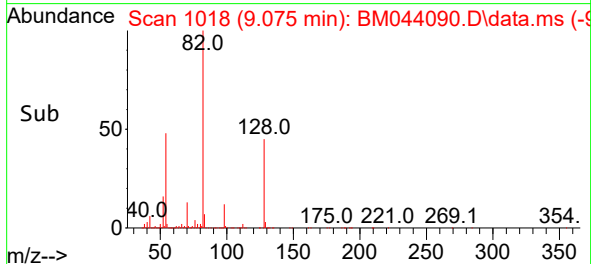
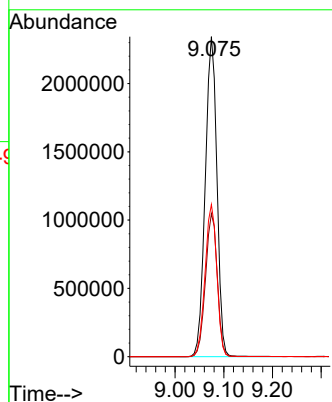
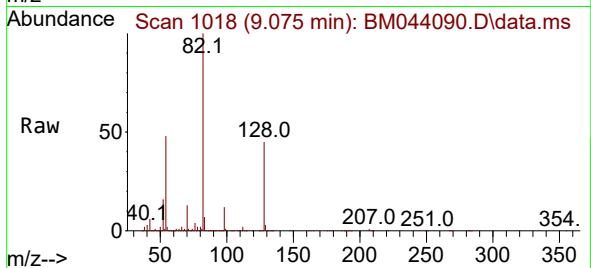




#23
Nitrobenzene-d5
Concen: 92.631 ng
RT: 9.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

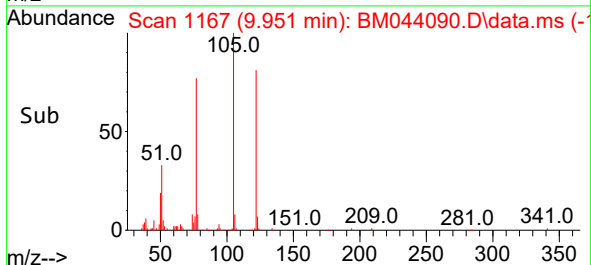
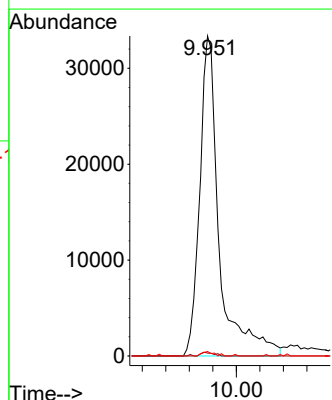
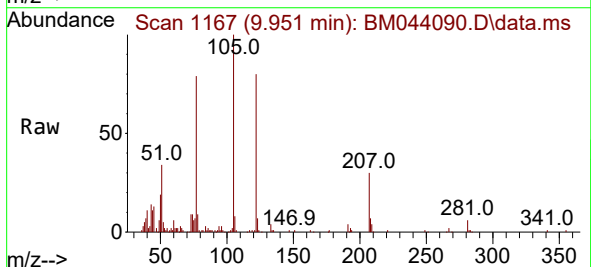
Instrument :
BNA_M
ClientSampleId :
TP-2

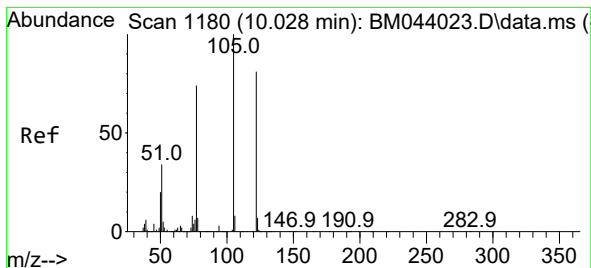
Tgt Ion: 82 Resp: 3891623
Ion Ratio Lower Upper
82 100
128 44.7 37.1 55.7
54 47.6 38.9 58.3



#27
2,4-Dimethylphenol
Concen: 3.005 ng
RT: 9.951 min Scan# 1167
Delta R.T. 0.059 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Tgt Ion:122 Resp: 76645
Ion Ratio Lower Upper
122 100
107 0.9 87.8 131.8#
121 1.4 44.7 67.1#





#32

Benzoic acid

Concen: 2.983 ng

RT: 9.951 min Scan# 1167

Delta R.T. -0.077 min

Lab File: BM044090.D

Acq: 14 Feb 2024 19:39

Instrument :

BNA_M

ClientSampleId :

TP-2

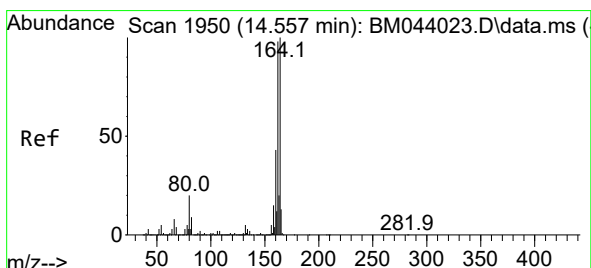
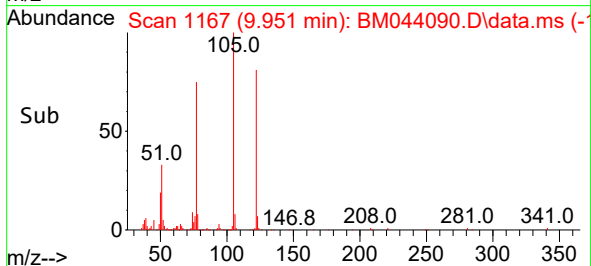
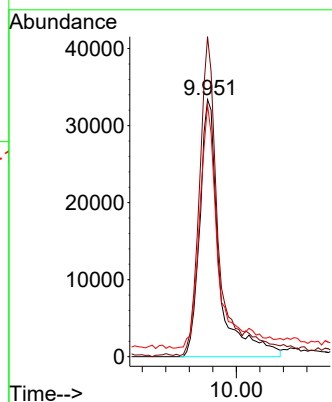
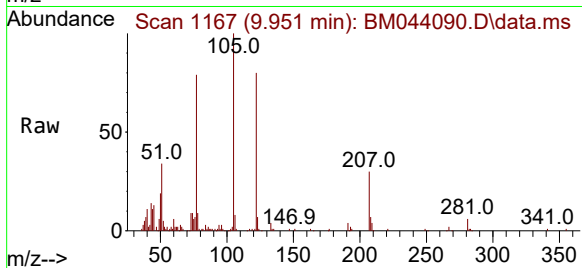
Tgt Ion:122 Resp: 76645

Ion Ratio Lower Upper

122 100

105 124.5 100.1 140.1

77 97.9 69.6 109.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BM044090.D

Acq: 14 Feb 2024 19:39

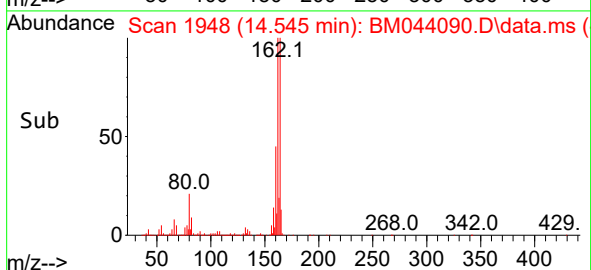
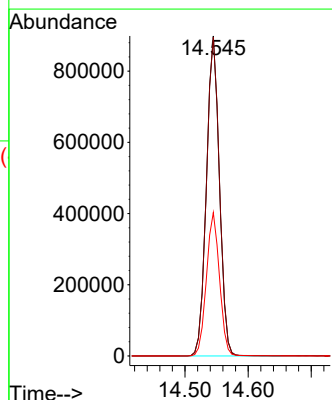
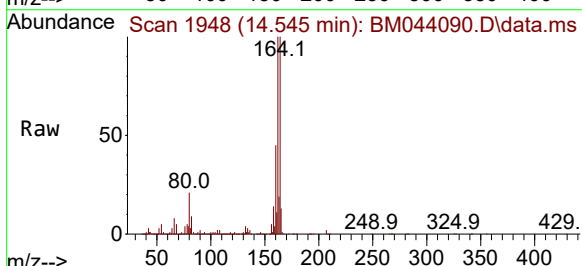
Tgt Ion:164 Resp: 1281676

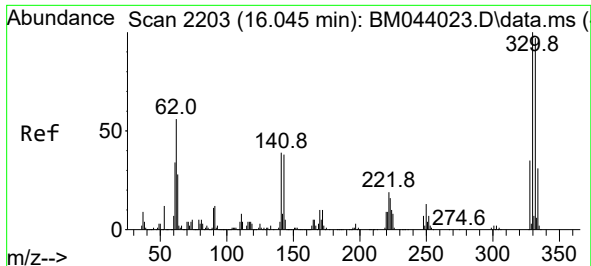
Ion Ratio Lower Upper

164 100

162 99.6 78.4 117.6

160 44.8 34.6 51.8

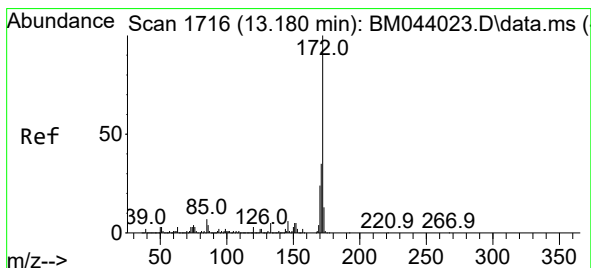
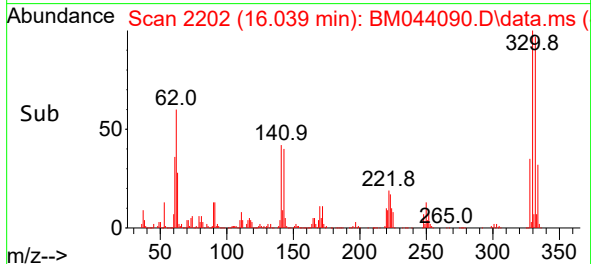
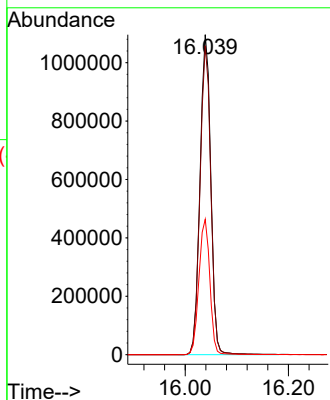
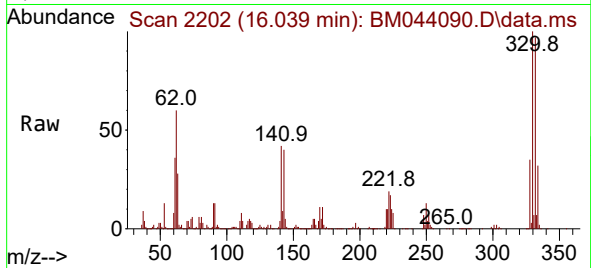




#42
2,4,6-Tribromophenol
Concen: 114.569 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

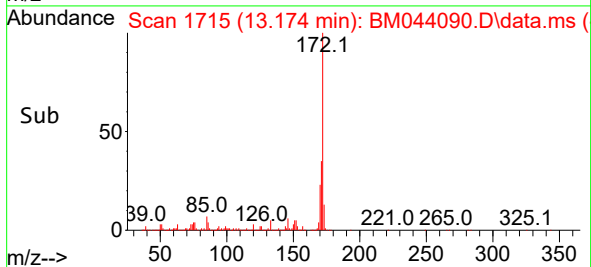
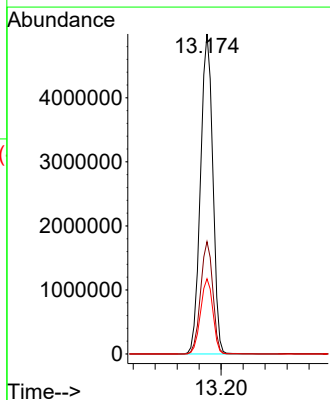
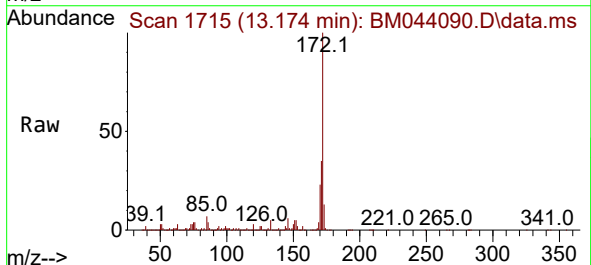
Instrument :
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TP-2

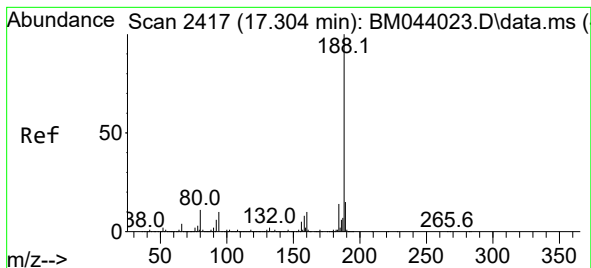
Tgt Ion:330 Resp: 1589883
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 42.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 85.576 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044090.D
Acq: 14 Feb 2024 19:39

Tgt Ion:172 Resp: 7771477
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.5 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: BM044090.D

Acq: 14 Feb 2024 19:39

Instrument :

BNA_M

ClientSampleId :

TP-2

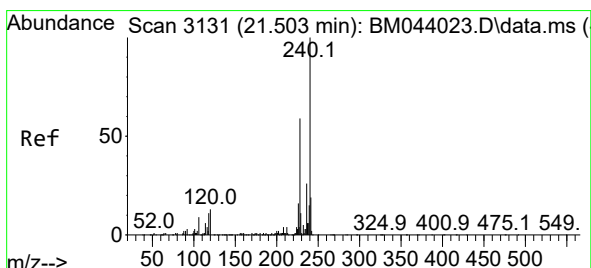
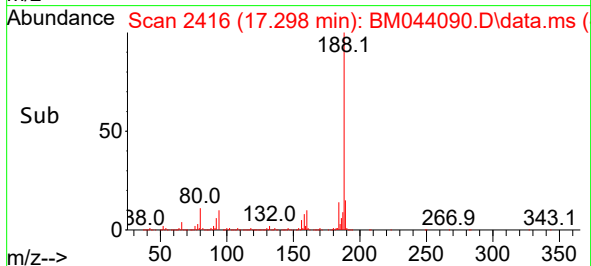
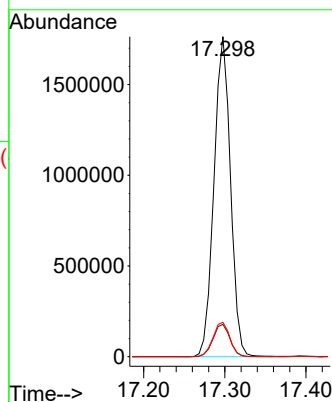
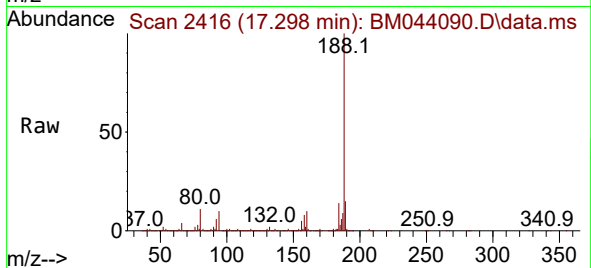
Tgt Ion:188 Resp: 2492616

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 10.7 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: BM044090.D

Acq: 14 Feb 2024 19:39

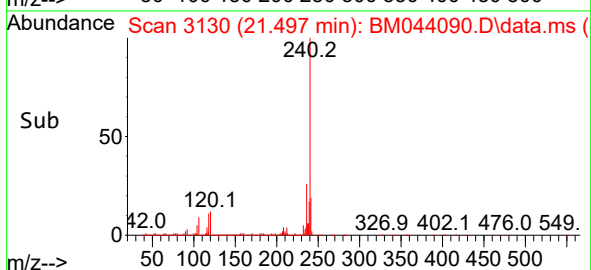
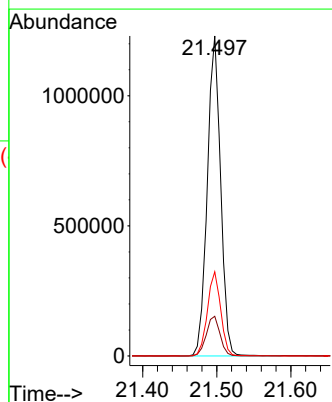
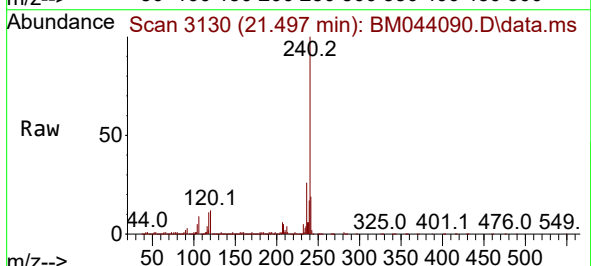
Tgt Ion:240 Resp: 1535527

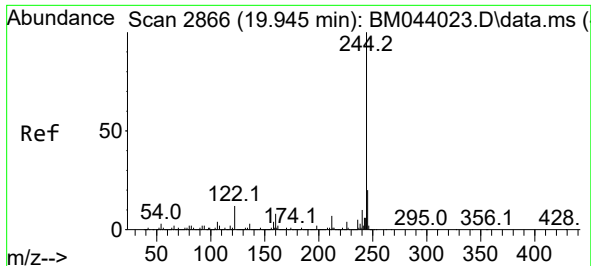
Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 26.3 20.6 31.0

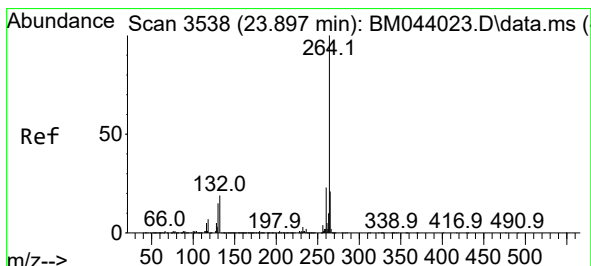
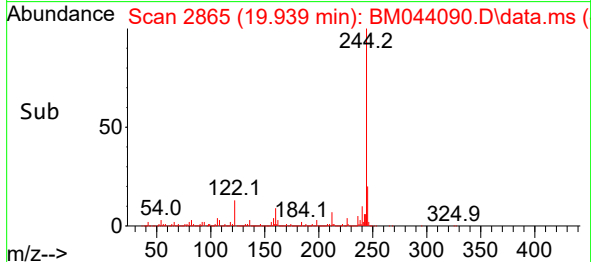
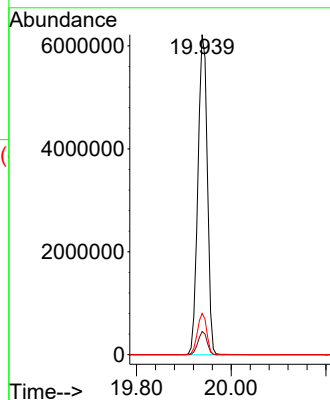
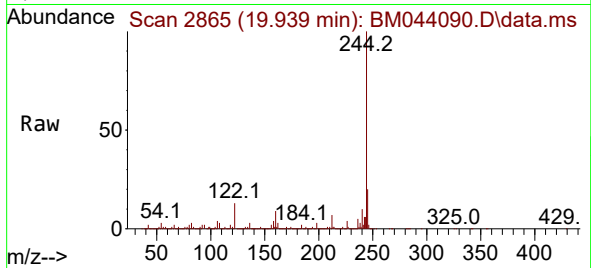




#79
 Terphenyl-d14
 Concen: 97.716 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044090.D
 Acq: 14 Feb 2024 19:39

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 8559171
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 12.9 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM044090.D
 Acq: 14 Feb 2024 19:39

Tgt Ion:264 Resp: 1600142
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.8 17.3 25.9

