

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044082.D
 Acq On : 14 Feb 2024 14:47
 Operator : MA/JU
 Sample : P1367-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-5-6-8

Quant Time: Feb 14 15:22:17 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	441817	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1755316	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	967640	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1847286	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1227045	20.000	ng	0.00
86) Perylene-d12	23.891	264	1266503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4330628	142.561	ng	0.00
7) Phenol-d6	7.075	99	5007823	129.567	ng	0.00
23) Nitrobenzene-d5	9.075	82	3299194	99.735	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1431446	136.629	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6528388	95.218	ng	0.00
79) Terphenyl-d14	19.939	244	7771259	111.025	ng	0.00

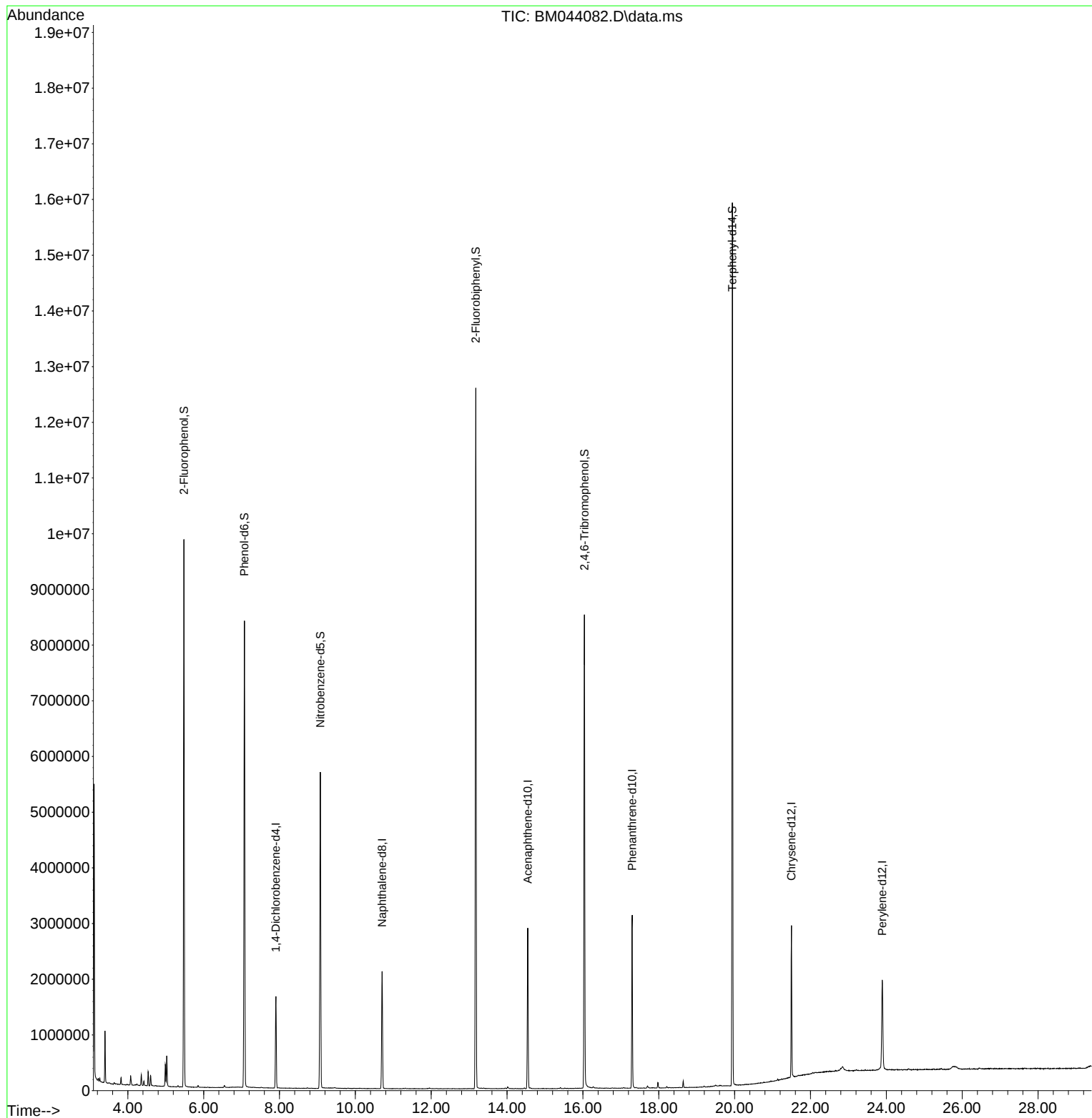
Target Compounds	Qvalue

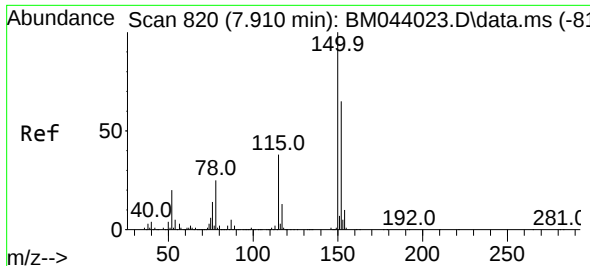
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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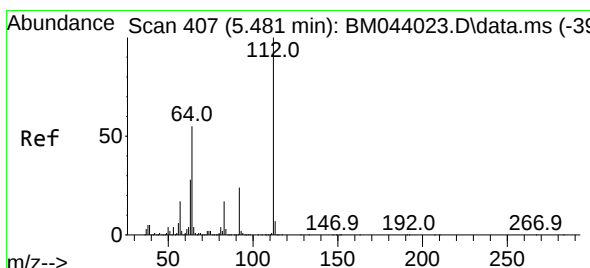
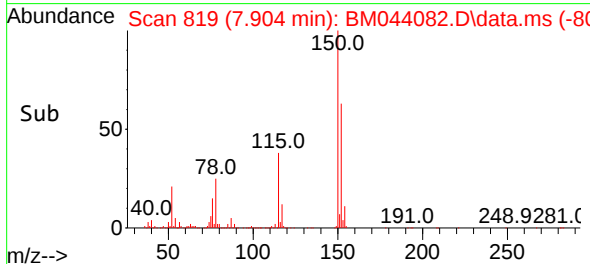
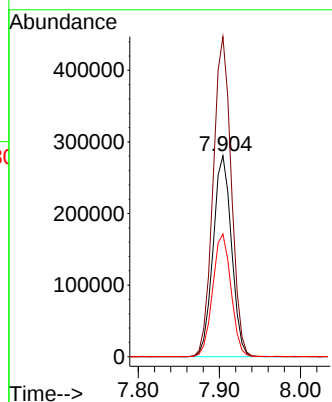
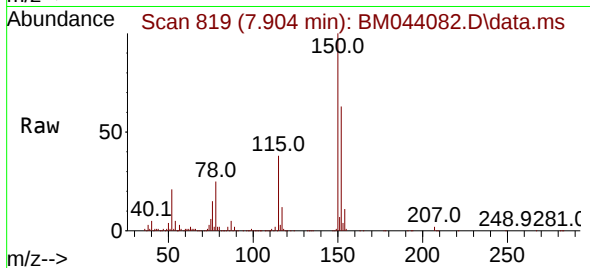




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044082.D
 Acq: 14 Feb 2024 14:47

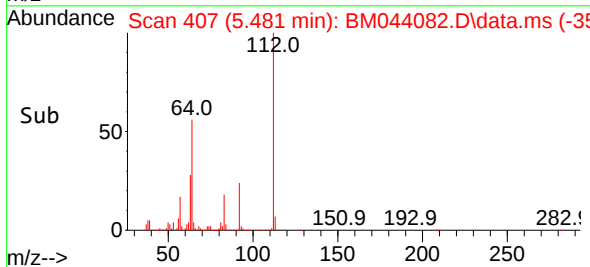
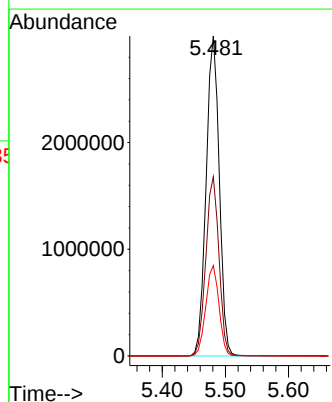
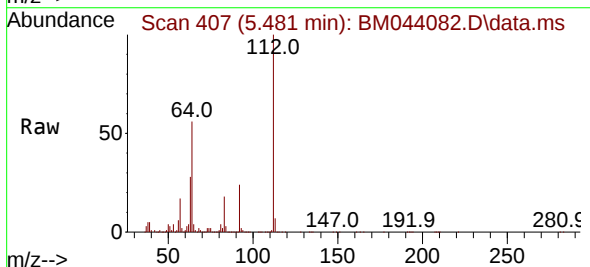
Instrument :
 BNA_M
 ClientSampleId :
 EB-5-6-8

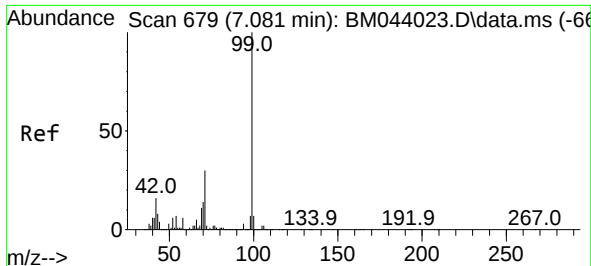
Tgt Ion:152 Resp: 441817
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.7 184.1
 115 61.0 47.0 70.6



#5
 2-Fluorophenol
 Concen: 142.561 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044082.D
 Acq: 14 Feb 2024 14:47

Tgt Ion:112 Resp: 4330628
 Ion Ratio Lower Upper
 112 100
 64 56.0 44.2 66.4
 63 28.3 22.6 34.0

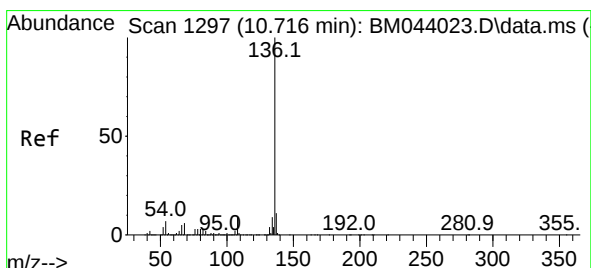
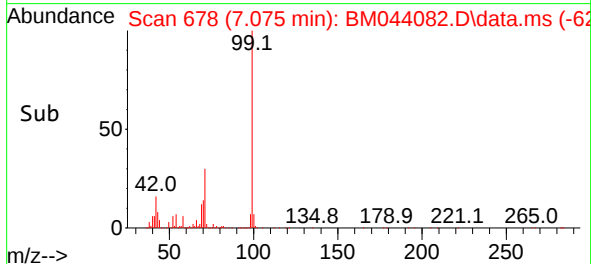
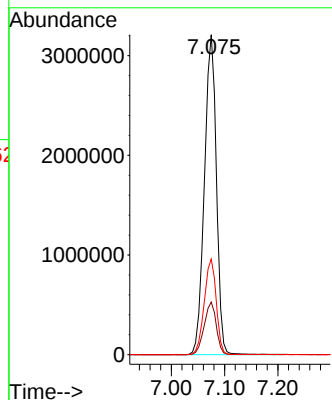
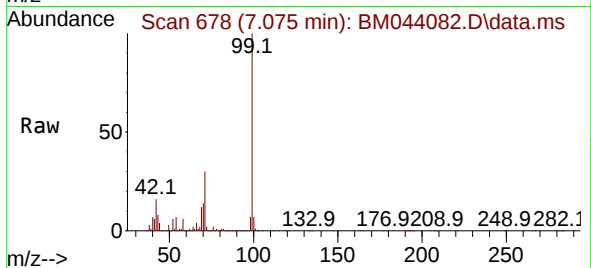




#7
Phenol-d6
Concen: 129.567 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044082.D
Acq: 14 Feb 2024 14:47

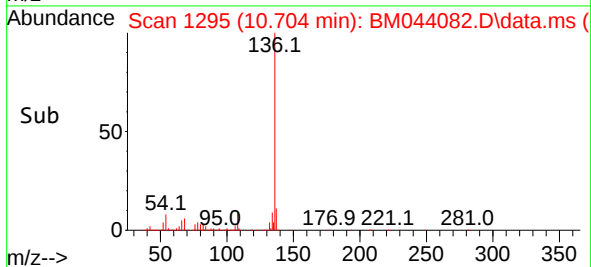
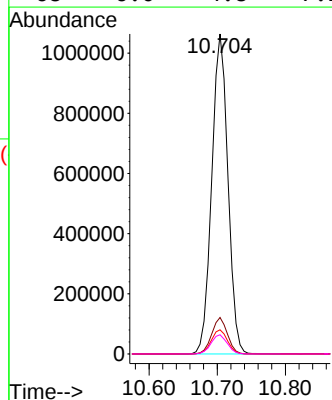
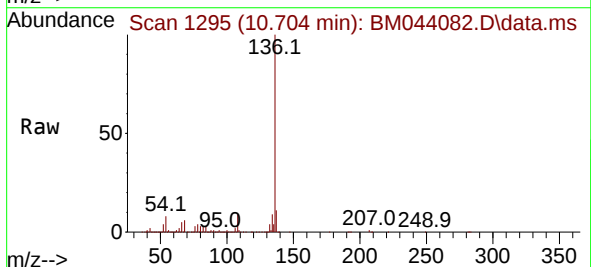
Instrument :
BNA_M
ClientSampleId :
EB-5-6-8

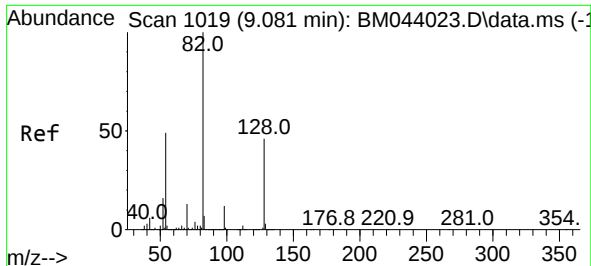
Tgt Ion: 99 Resp: 5007823
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 29.9 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044082.D
Acq: 14 Feb 2024 14:47

Tgt Ion: 136 Resp: 1755316
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.6 5.9 8.9
68 6.0 4.8 7.2

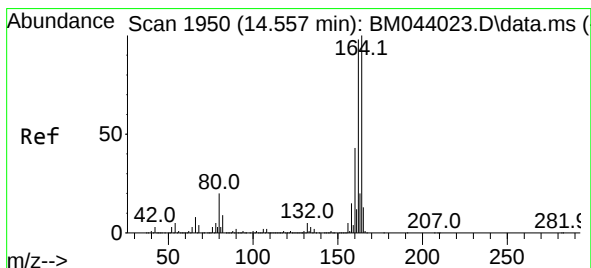
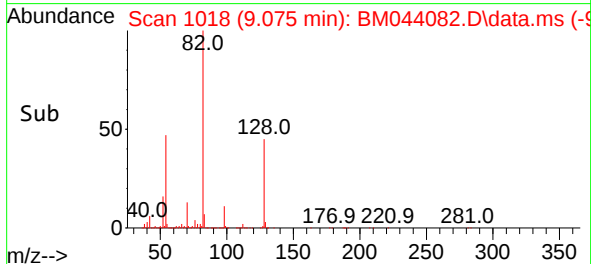
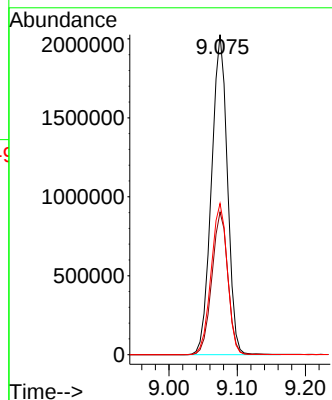
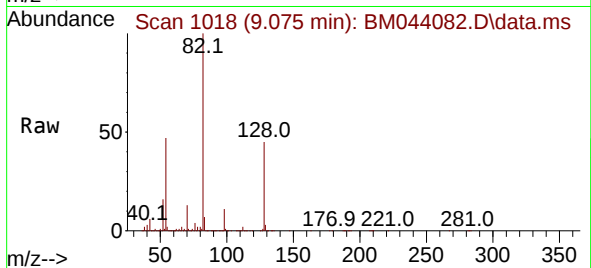




#23
Nitrobenzene-d5
Concen: 99.735 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044082.D
Acq: 14 Feb 2024 14:47

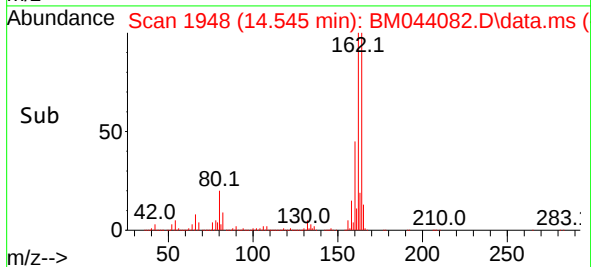
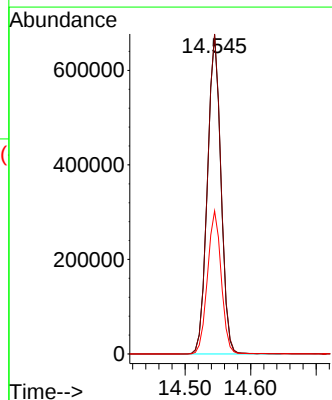
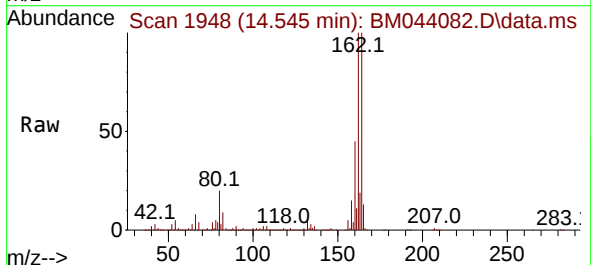
Instrument :
BNA_M
ClientSampleId :
EB-5-6-8

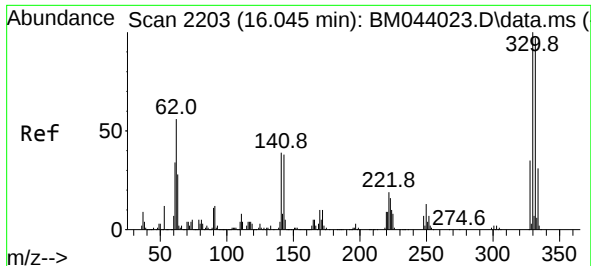
Tgt Ion: 82 Resp: 3299194
Ion Ratio Lower Upper
82 100
128 44.6 37.1 55.7
54 47.2 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044082.D
Acq: 14 Feb 2024 14:47

Tgt Ion:164 Resp: 967640
Ion Ratio Lower Upper
164 100
162 100.3 78.4 117.6
160 44.8 34.6 51.8

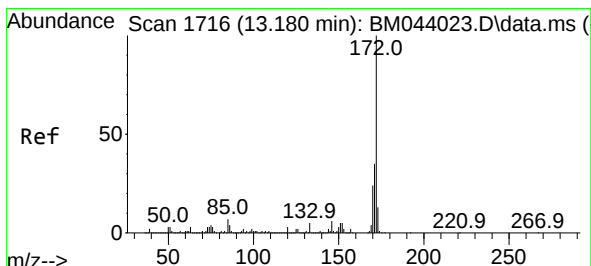
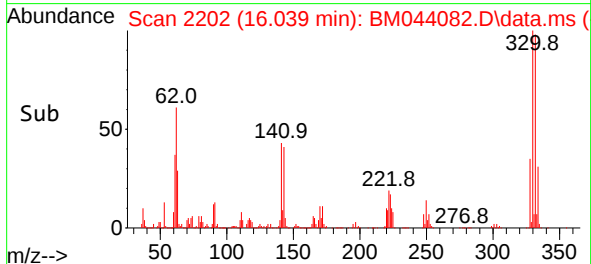
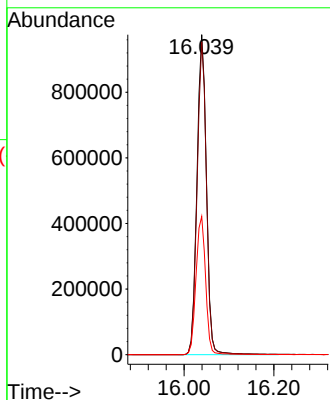
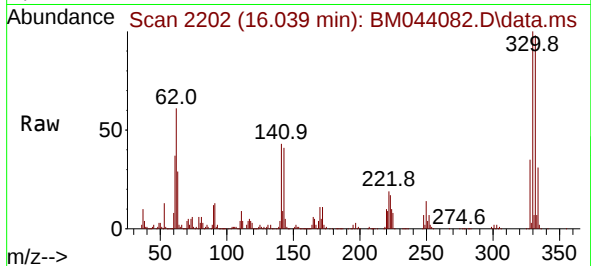




#42
2,4,6-Tribromophenol
Concen: 136.629 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044082.D
Acq: 14 Feb 2024 14:47

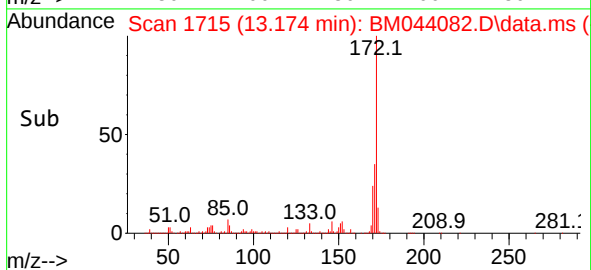
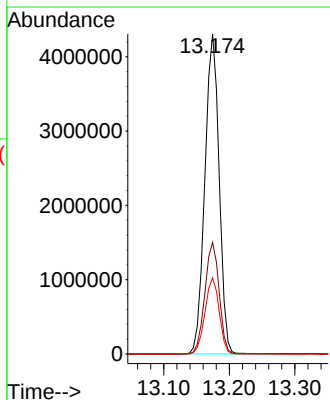
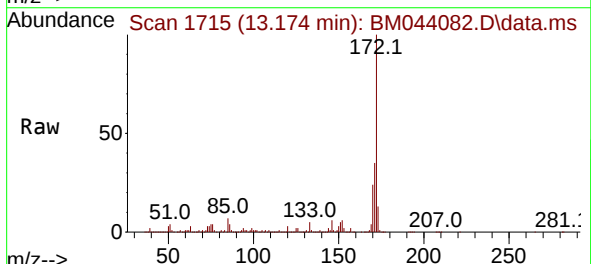
Instrument :
BNA_M
ClientSampleId :
EB-5-6-8

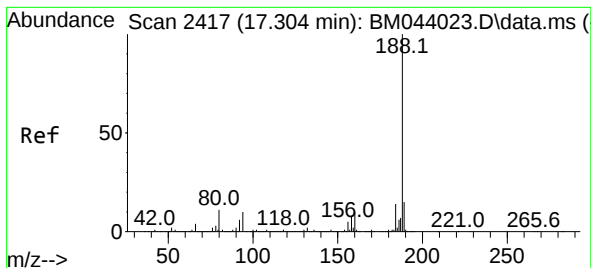
Tgt Ion:330 Resp: 1431446
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 44.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 95.218 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044082.D
Acq: 14 Feb 2024 14:47

Tgt Ion:172 Resp: 6528388
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.8 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: BM044082.D

Acq: 14 Feb 2024 14:47

Instrument :

BNA_M

ClientSampleId :

EB-5-6-8

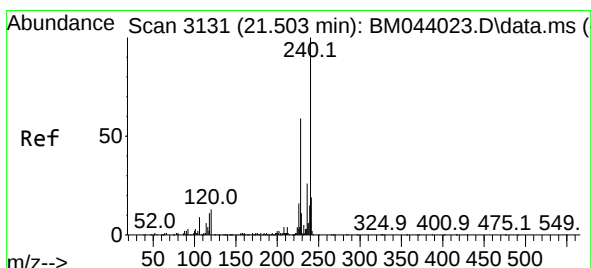
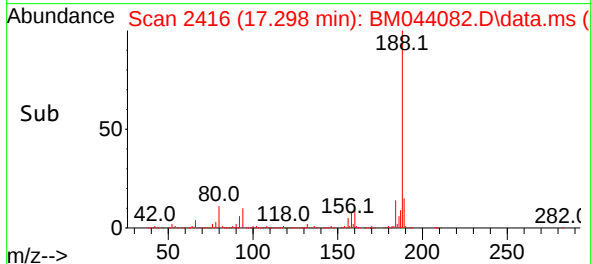
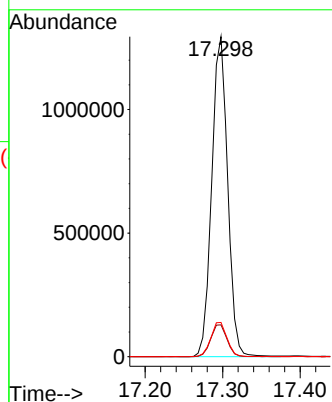
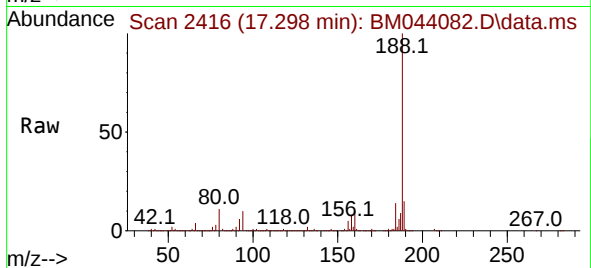
Tgt Ion:188 Resp: 1847286

Ion Ratio Lower Upper

188 100

94 9.9 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: BM044082.D

Acq: 14 Feb 2024 14:47

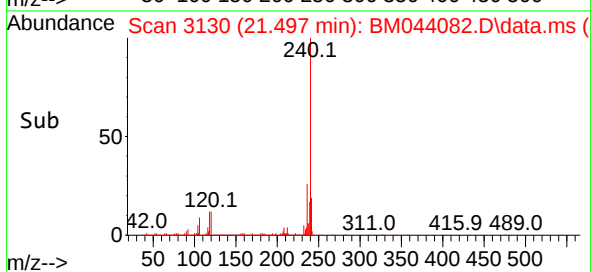
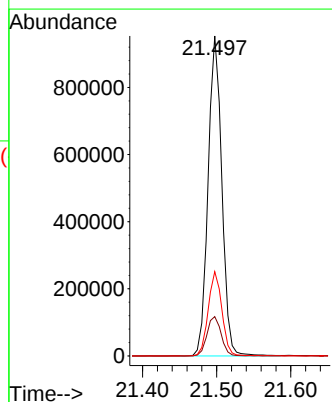
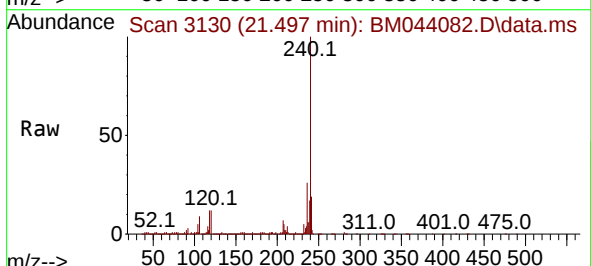
Tgt Ion:240 Resp: 1227045

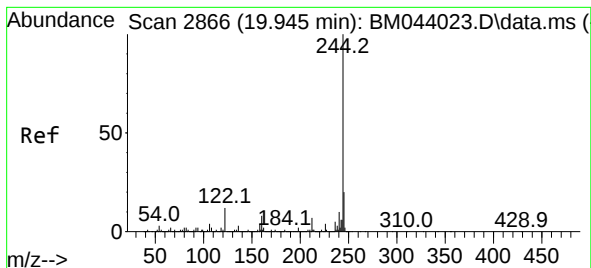
Ion Ratio Lower Upper

240 100

120 12.3 10.1 15.1

236 26.4 20.6 31.0





#79

Terphenyl-d14

Concen: 111.025 ng

RT: 19.939 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044082.D

Acq: 14 Feb 2024 14:47

Instrument :

BNA_M

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EB-5-6-8

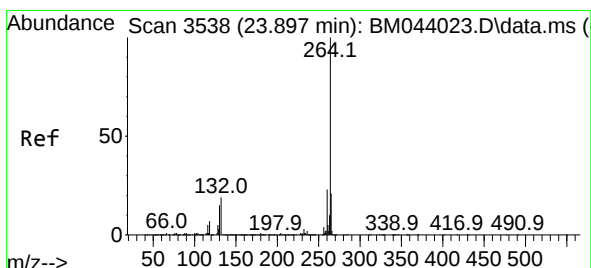
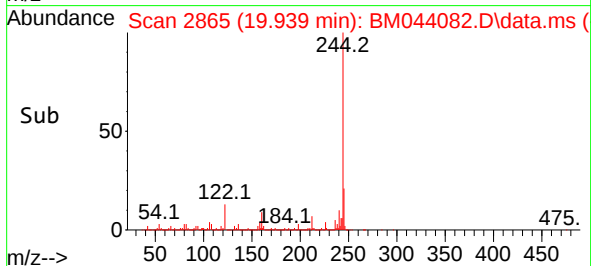
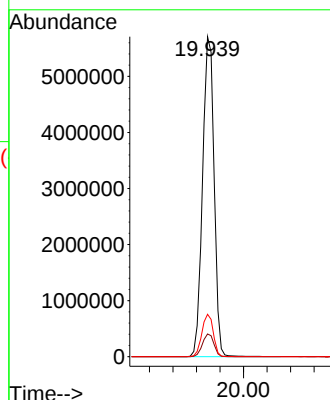
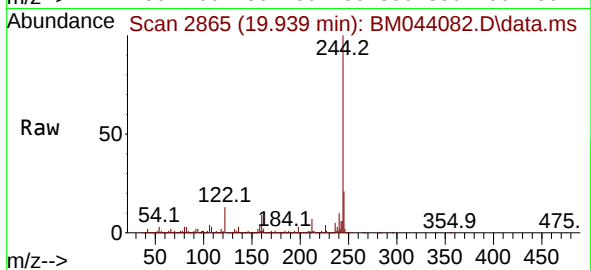
Tgt Ion:244 Resp: 7771259

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 13.3 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: BM044082.D

Acq: 14 Feb 2024 14:47

Tgt Ion:264 Resp: 1266503

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.9 17.3 25.9

