

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040177.D
 Acq On : 09 Jun 2023 03:33
 Operator : MA/JU
 Sample : 03046-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3-11-15

Quant Time: Jun 09 04:08:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

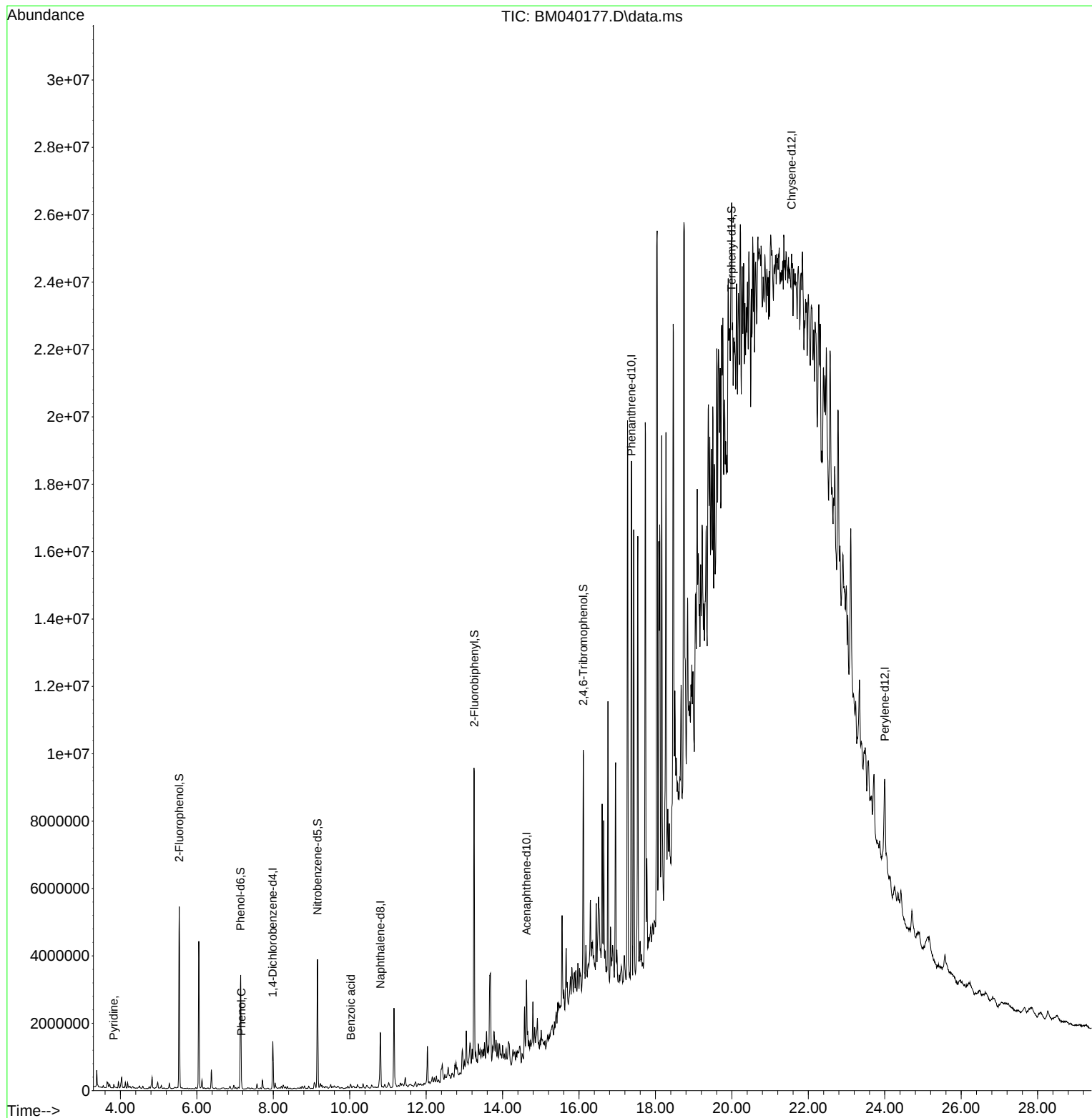
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	379013	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1417205	20.000	ng	0.00
39) Acenaphthene-d10	14.628	164	726366	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	1534569	20.000	ng	# 0.00
76) Chrysene-d12	21.562	240	836412	20.000	ng	# 0.01
86) Perylene-d12	24.003	264	1566267	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2427120	95.619	ng	0.00
7) Phenol-d6	7.146	99	1978470	57.121	ng	0.00
23) Nitrobenzene-d5	9.157	82	2139214	81.701	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1505285	137.738	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4816395	87.640	ng	0.00
79) Terphenyl-d14	19.992	244	5722310	126.116	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.822	79	60673	2.099	ng	97
10) Phenol	7.169	94	82155	2.412	ng	98
32) Benzoic acid	10.028	122	37152	9.383	ng	96

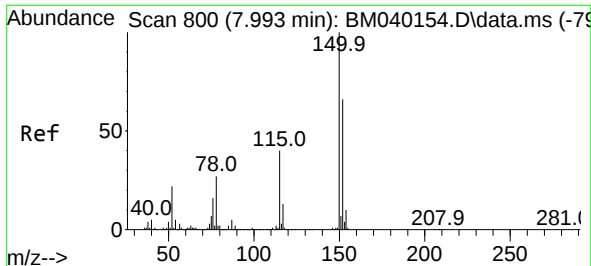
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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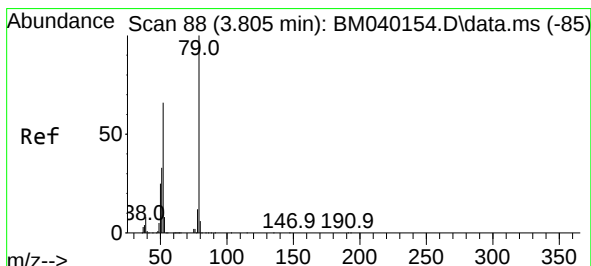
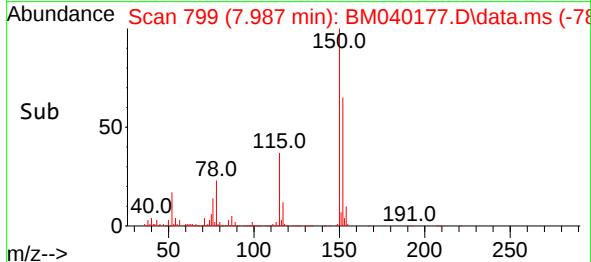
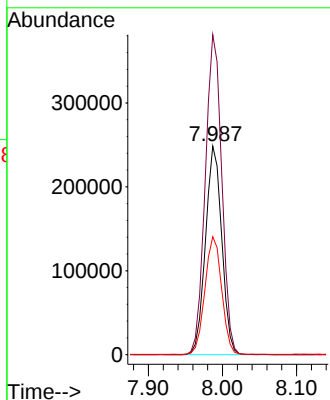
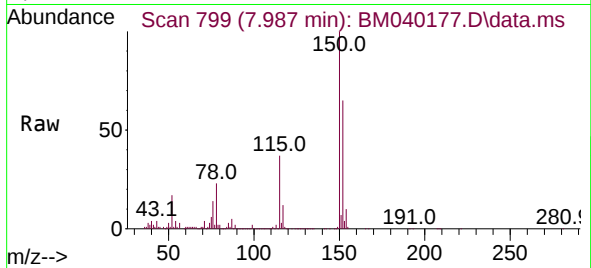




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

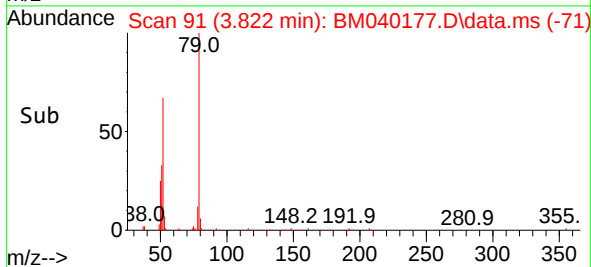
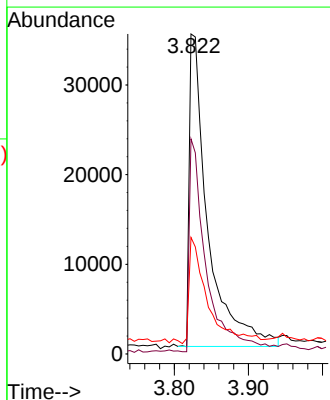
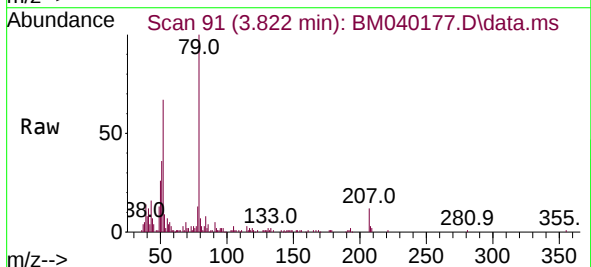
Instrument :
BNA_M
ClientSampleId :
COMP-3-11-15

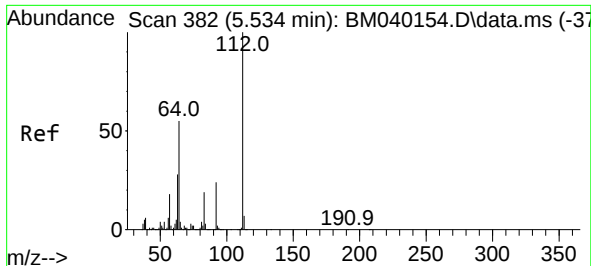
Tgt Ion:152 Resp: 379013
Ion Ratio Lower Upper
152 100
150 153.4 121.4 182.0
115 56.6 48.2 72.4



#3
Pyridine
Concen: 2.099 ng
RT: 3.822 min Scan# 91
Delta R.T. 0.018 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

Tgt Ion: 79 Resp: 60673
Ion Ratio Lower Upper
79 100
52 67.2 52.8 79.2
51 36.4 26.2 39.4

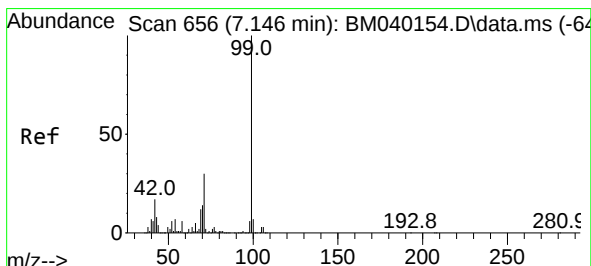
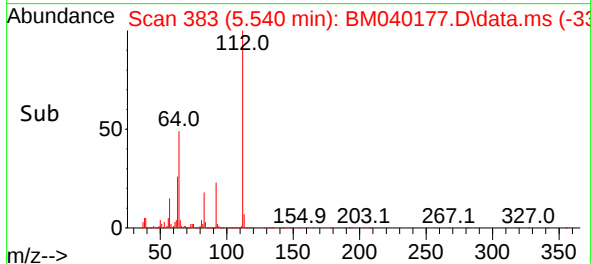
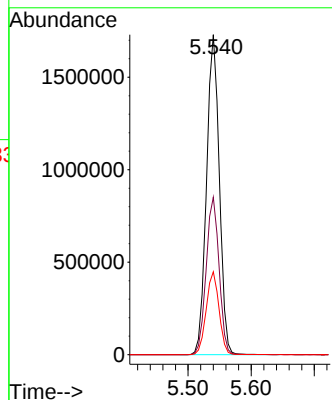
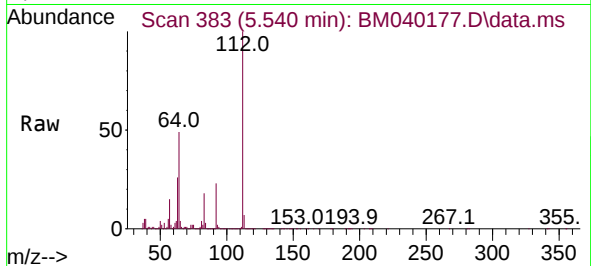




#5
2-Fluorophenol
Concen: 95.619 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

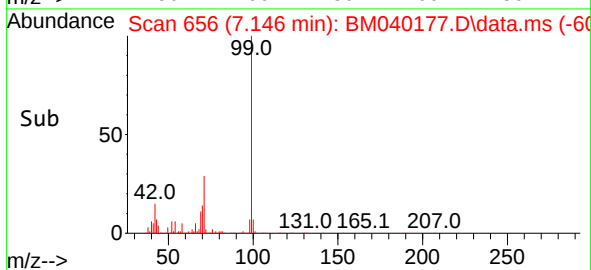
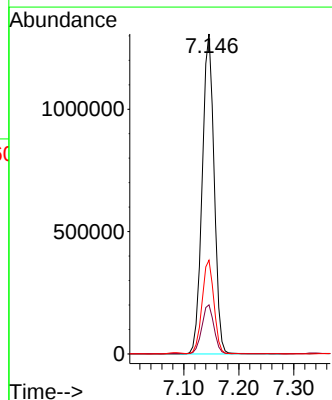
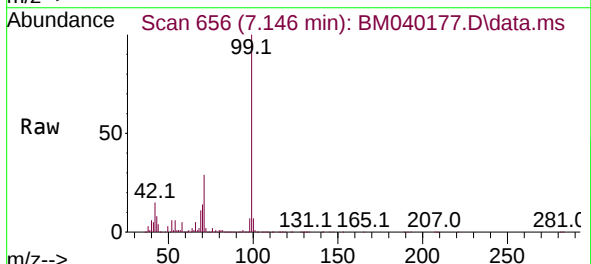
Instrument :
BNA_M
ClientSampleId :
COMP-3-11-15

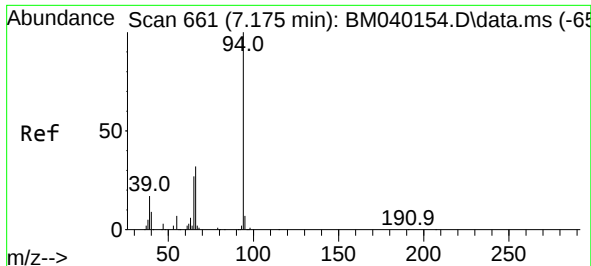
Tgt Ion:112 Resp: 2427120
Ion Ratio Lower Upper
112 100
64 49.2 43.8 65.6
63 25.9 22.8 34.2



#7
Phenol-d6
Concen: 57.121 ng
RT: 7.146 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

Tgt Ion: 99 Resp: 1978470
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.2
71 29.3 24.3 36.5

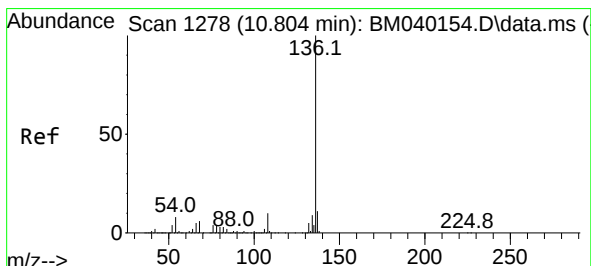
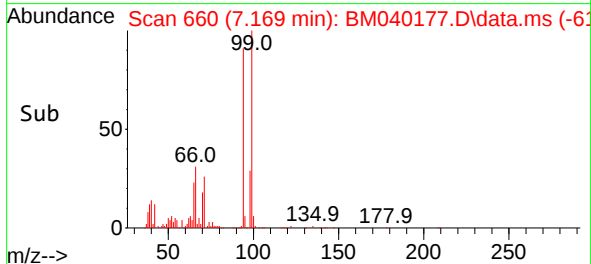
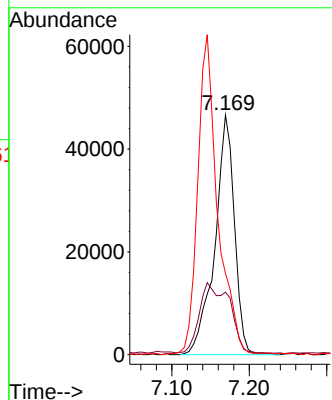
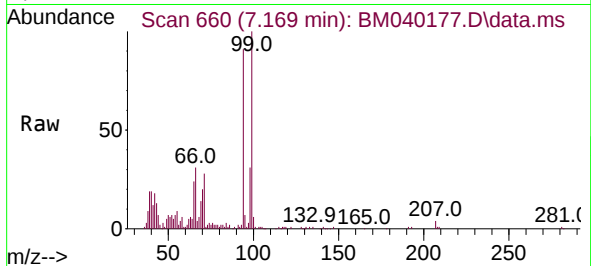




#10
Phenol
Concen: 2.412 ng
RT: 7.169 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

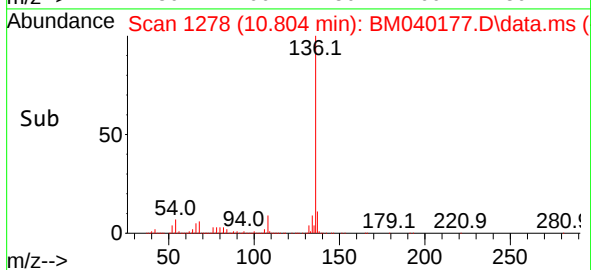
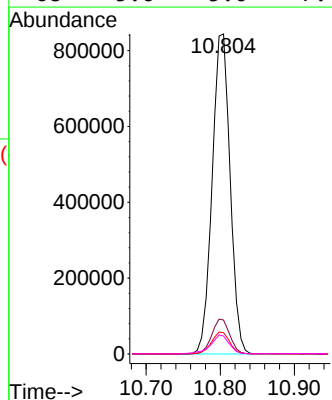
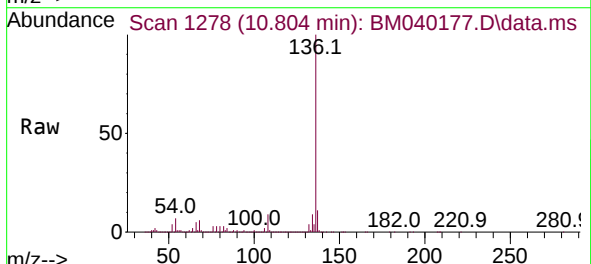
Instrument :
BNA_M
ClientSampleId :
COMP-3-11-15

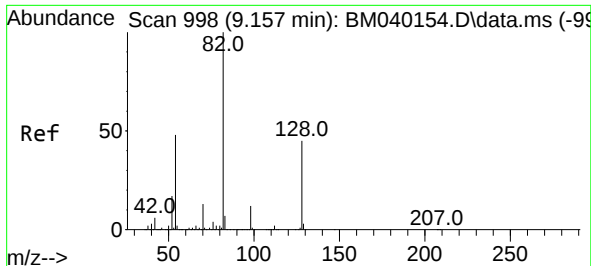
Tgt Ion: 94 Resp: 82155
Ion Ratio Lower Upper
94 100
65 26.1 6.9 46.9
66 34.0 12.5 52.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

Tgt Ion:136 Resp: 1417205
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.7 6.2 9.4
68 5.6 5.0 7.4

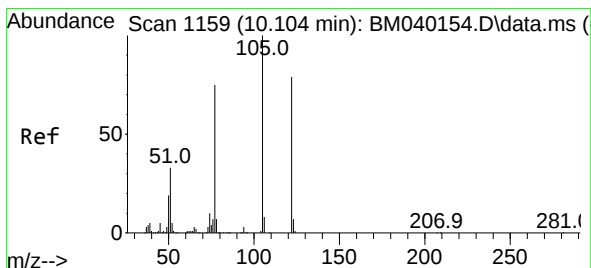
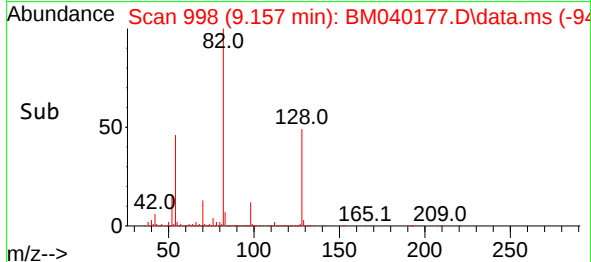
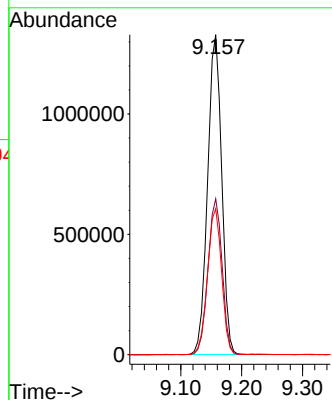
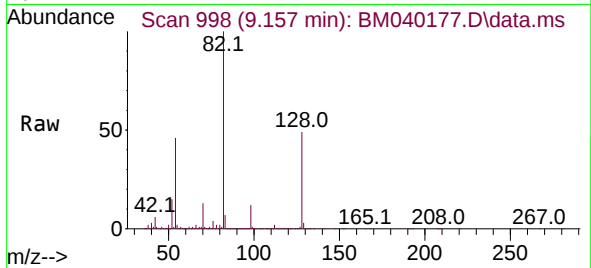




#23
Nitrobenzene-d5
Concen: 81.701 ng
RT: 9.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

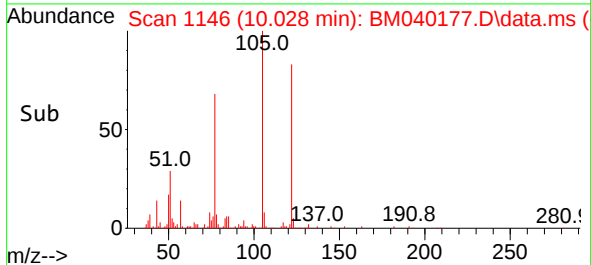
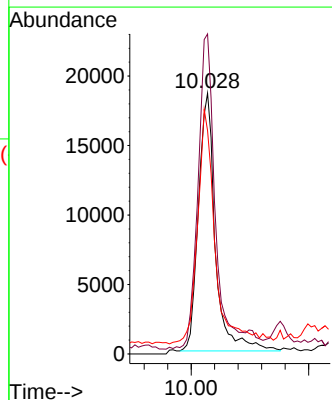
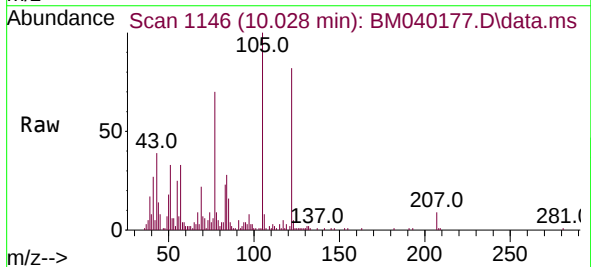
Instrument :
BNA_M
ClientSampleId :
COMP-3-11-15

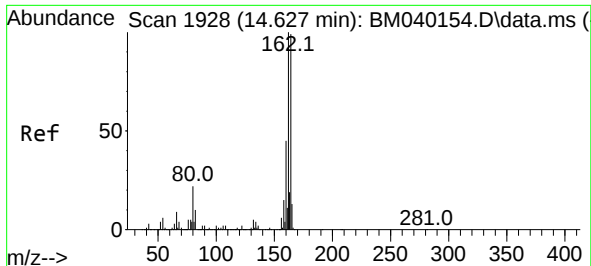
Tgt Ion: 82 Resp: 2139214
Ion Ratio Lower Upper
82 100
128 48.7 36.0 54.0
54 45.6 38.5 57.7



#32
Benzoic acid
Concen: 9.383 ng
RT: 10.028 min Scan# 1146
Delta R.T. -0.076 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

Tgt Ion:122 Resp: 37152
Ion Ratio Lower Upper
122 100
105 122.7 102.7 142.7
77 85.6 73.9 113.9

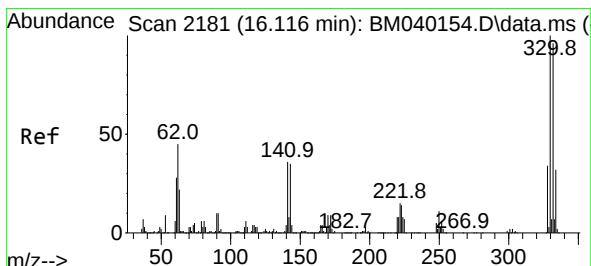
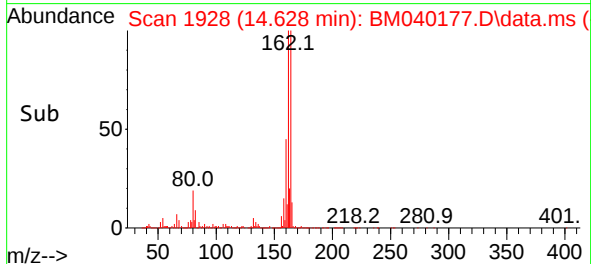
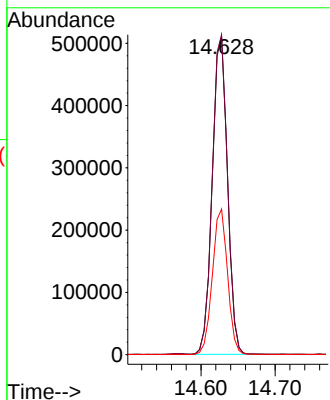
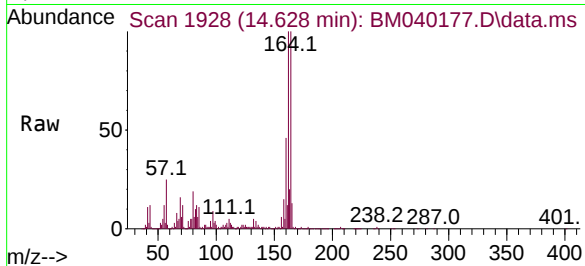




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.628 min Scan# 1928
Delta R.T. 0.001 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

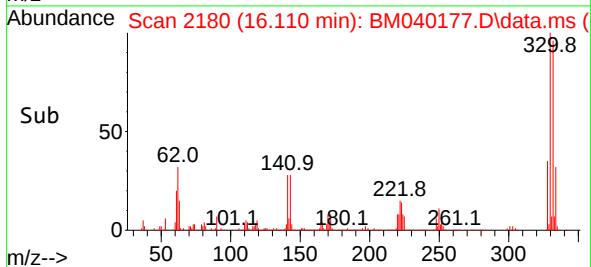
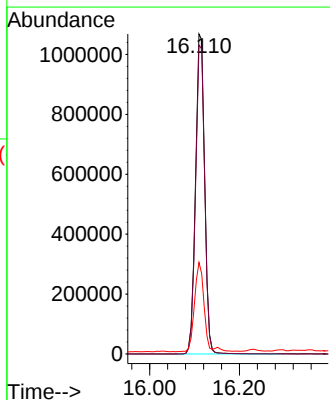
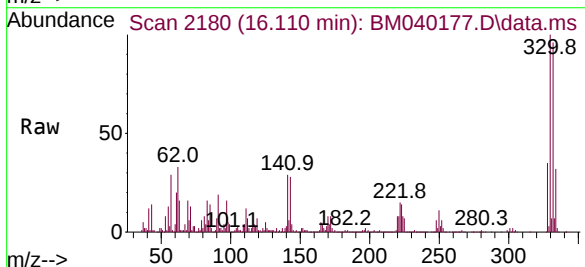
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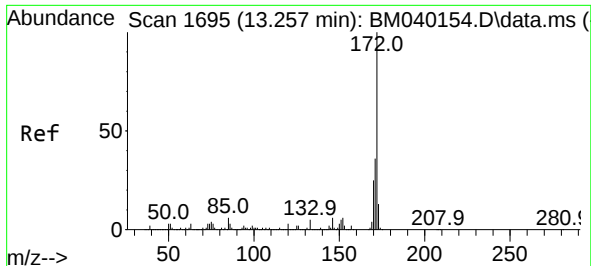
Tgt Ion:164 Resp: 726366
Ion Ratio Lower Upper
164 100
162 100.5 80.4 120.6
160 45.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 137.738 ng
RT: 16.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

Tgt Ion:330 Resp: 1505285
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 28.4 31.6 47.4#

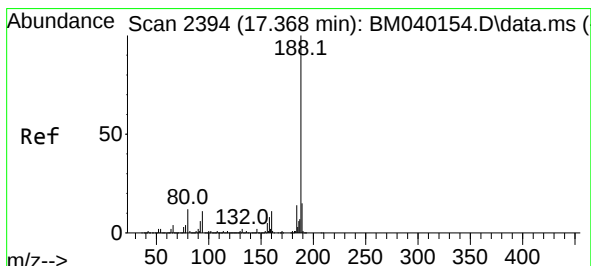
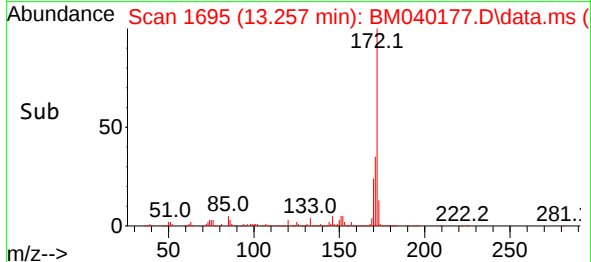
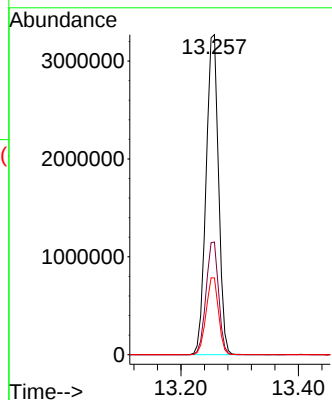
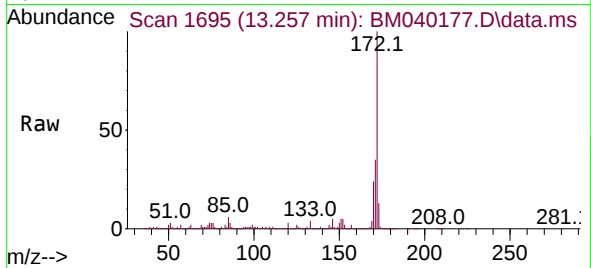




#45
2-Fluorobiphenyl
Concen: 87.640 ng
RT: 13.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

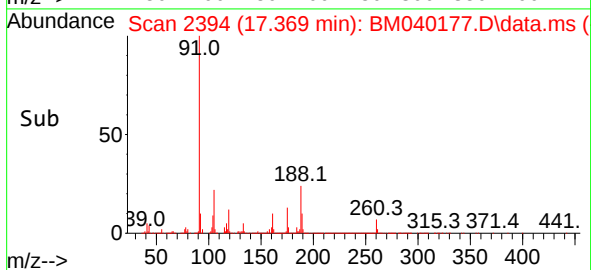
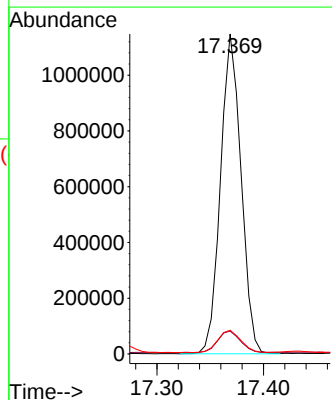
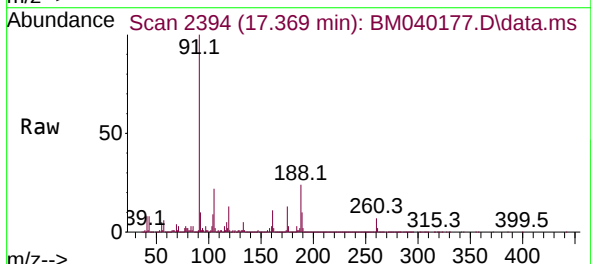
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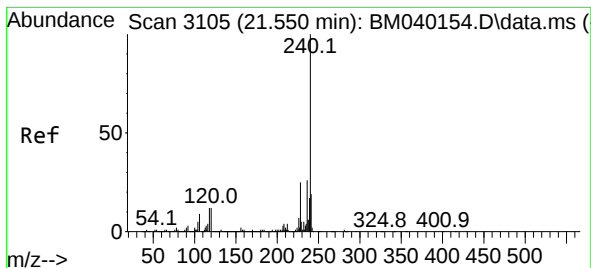
Tgt Ion:172 Resp: 4816395
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.0 19.8 29.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BM040177.D
Acq: 09 Jun 2023 03:33

Tgt Ion:188 Resp: 1534569
Ion Ratio Lower Upper
188 100
94 7.2 8.9 13.3#
80 7.4 9.6 14.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 31

Delta R.T. 0.012 min

Lab File: BM040177.D

Acq: 09 Jun 2023 03:33

Instrument :

BNA_M

ClientSampleId :

COMP-3-11-15

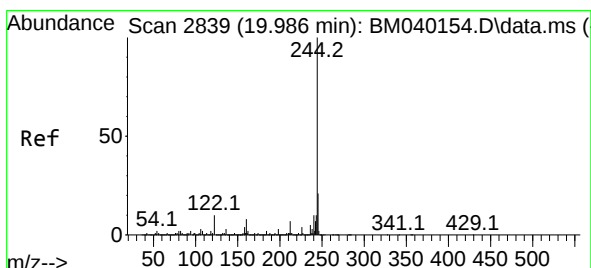
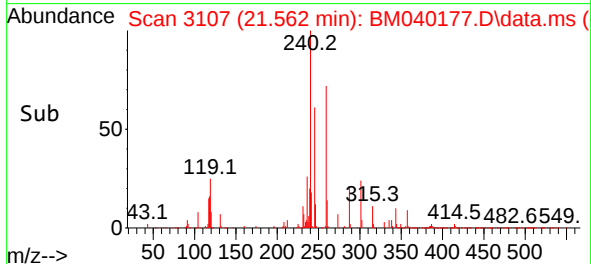
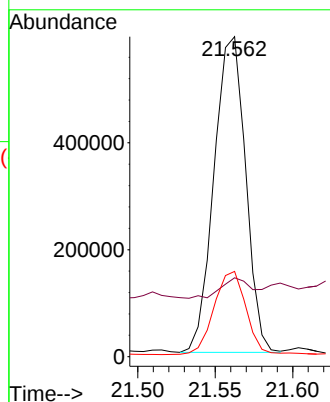
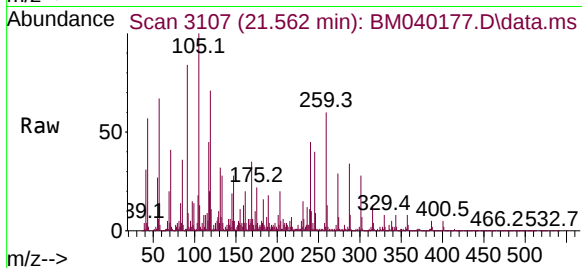
Tgt Ion:240 Resp: 836412

Ion Ratio Lower Upper

240 100

120 24.6 9.9 14.9#

236 26.7 21.1 31.7



#79

Terphenyl-d14

Concen: 126.116 ng

RT: 19.992 min Scan# 2840

Delta R.T. 0.006 min

Lab File: BM040177.D

Acq: 09 Jun 2023 03:33

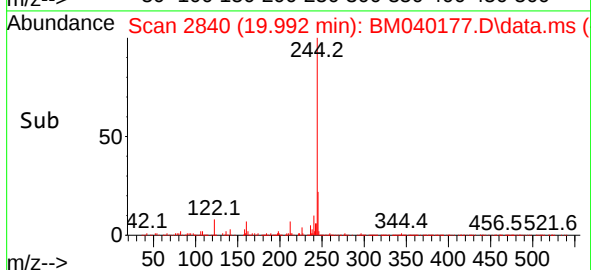
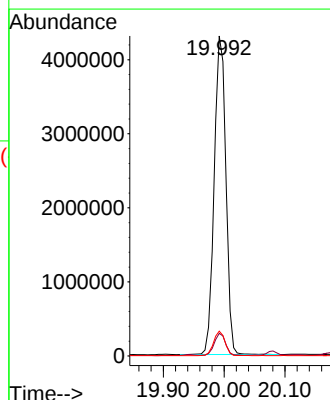
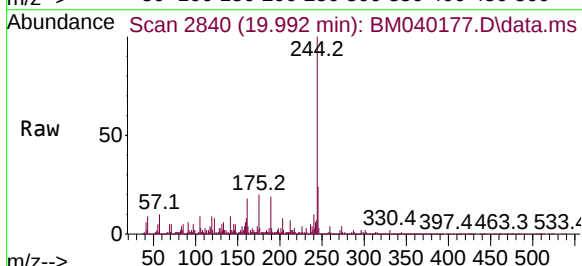
Tgt Ion:244 Resp: 5722310

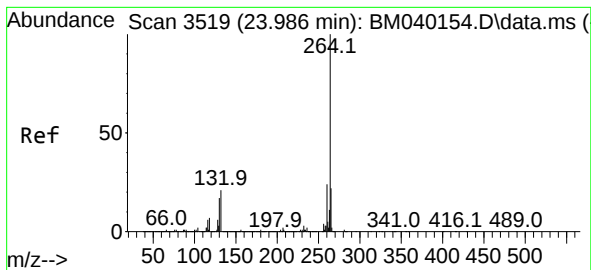
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 7.7 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.003 min Scan# 3

Delta R.T. 0.018 min

Lab File: BM040177.D

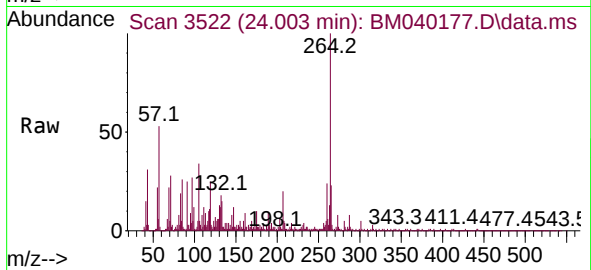
Acq: 09 Jun 2023 03:33

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Tgt Ion:264 Resp: 1566267

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.6 17.7 26.5

