

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040175.D
 Acq On : 09 Jun 2023 02:21
 Operator : MA/JU
 Sample : 03046-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1-1-5

Quant Time: Jun 09 02:53:00 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)

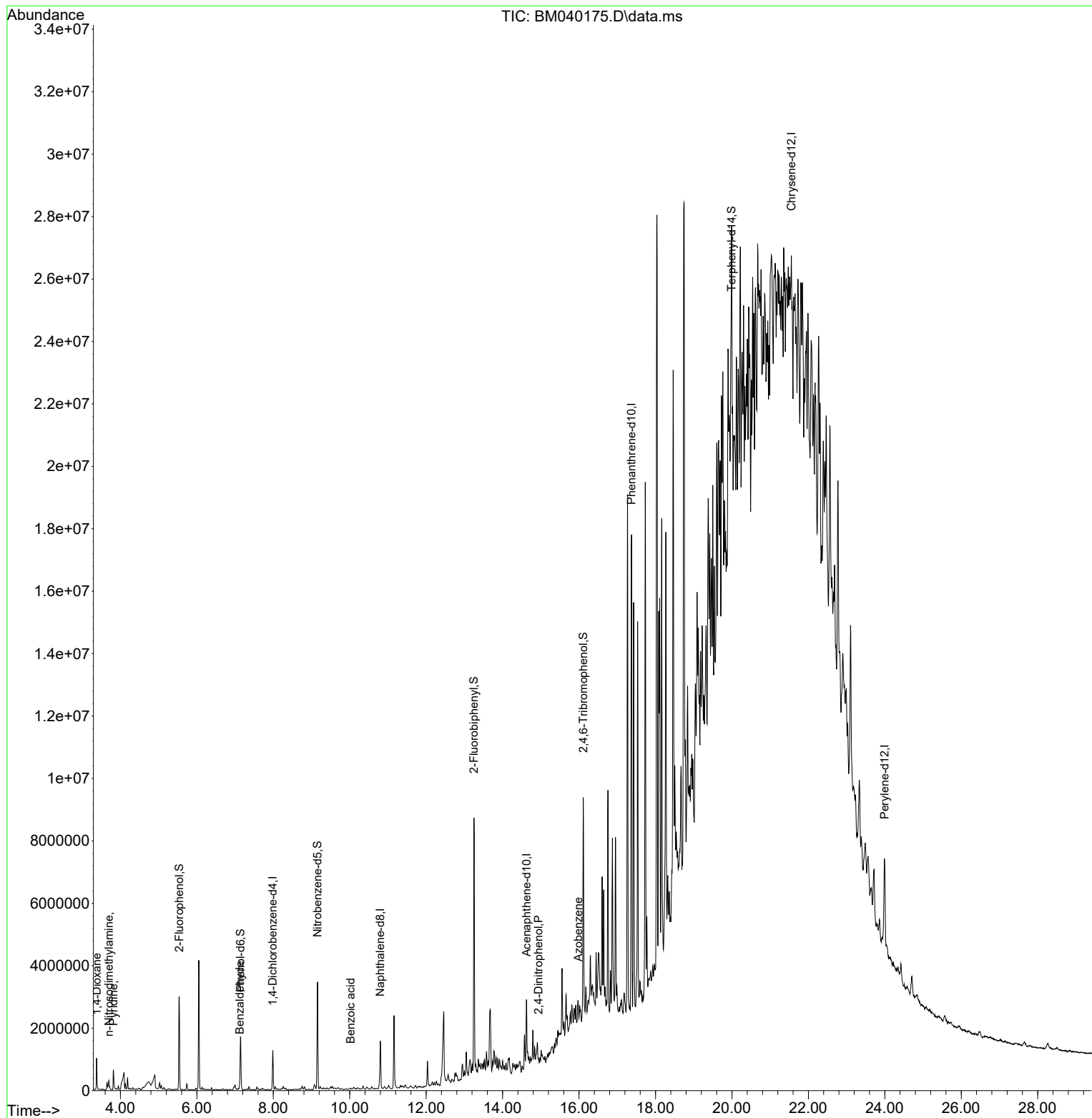
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	314974	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1240566	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	679908	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1684906	20.000	ng	# 0.00
76) Chrysene-d12	21.556	240	1224543	20.000	ng	# 0.00
86) Perylene-d12	23.997	264	1706008	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1324571	62.792	ng	0.00
7) Phenol-d6	7.139	99	989467	34.375	ng	0.00
23) Nitrobenzene-d5	9.157	82	1865390	81.387	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	1257289	122.907	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4072471	79.167	ng	0.00
79) Terphenyl-d14	19.992	244	6494774	97.771	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	62302	7.437	ng	# 1
3) Pyridine	3.816	79	332188	13.826	ng	98
4) n-Nitrosodimethylamine	3.699	42	21521	2.209	ng	# 1
9) Benzaldehyde	7.122	77	49460	3.227	ng	98
32) Benzoic acid	10.022	122	6931	7.919	ng	90
54) 2,4-Dinitrophenol	14.939	184	53	7.866	ng	# 1
63) Azobenzene	15.980	77	116333	2.224	ng	# 1

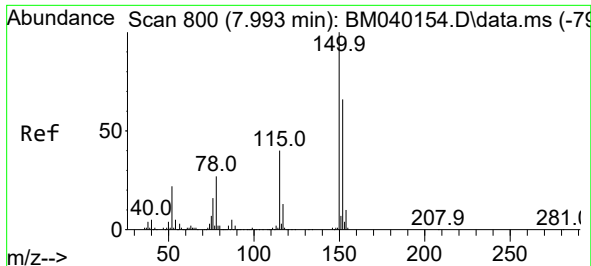
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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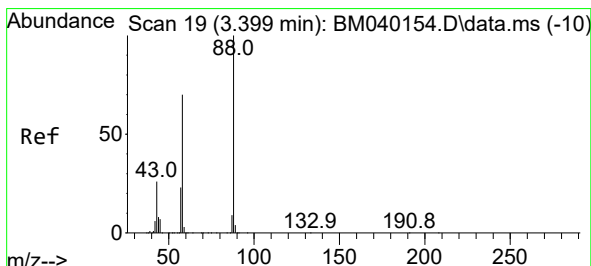
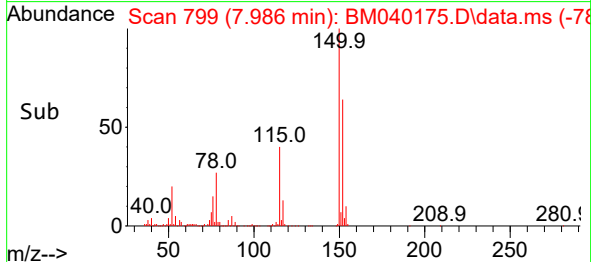
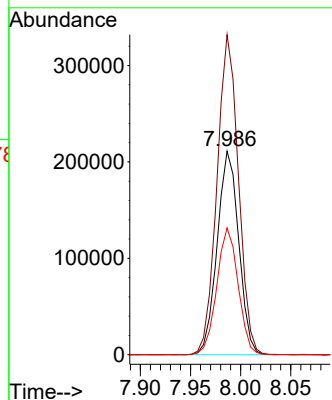
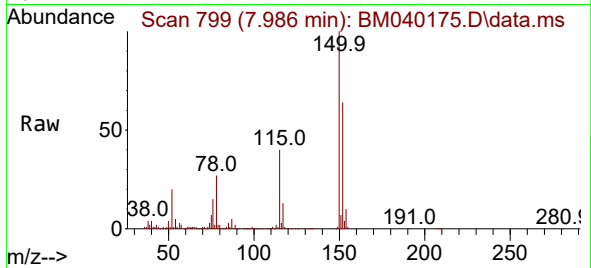




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.986 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BM040175.D
 Acq: 09 Jun 2023 02:21

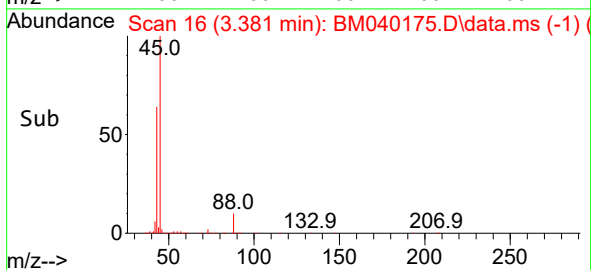
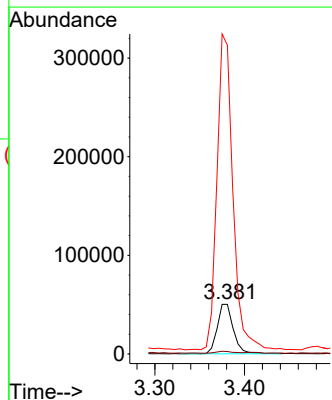
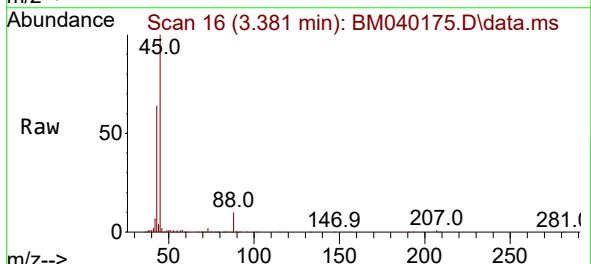
Instrument :
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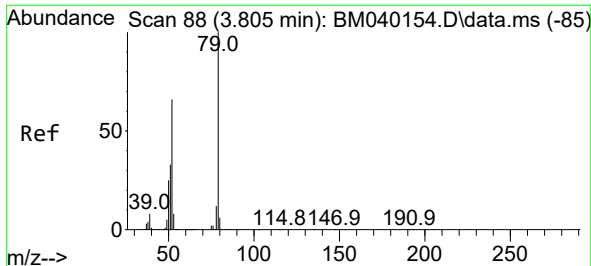
Tgt Ion:152 Resp: 314974
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.4 182.0
 115 62.3 48.2 72.4



#2
 1,4-Dioxane
 Concen: 7.437 ng
 RT: 3.381 min Scan# 16
 Delta R.T. -0.018 min
 Lab File: BM040175.D
 Acq: 09 Jun 2023 02:21

Tgt Ion: 88 Resp: 62302
 Ion Ratio Lower Upper
 88 100
 58 3.9 56.4 84.6#
 43 630.8 21.2 31.8#

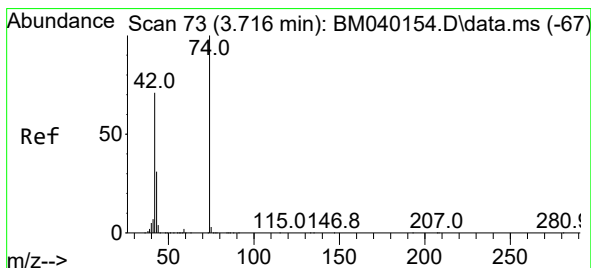
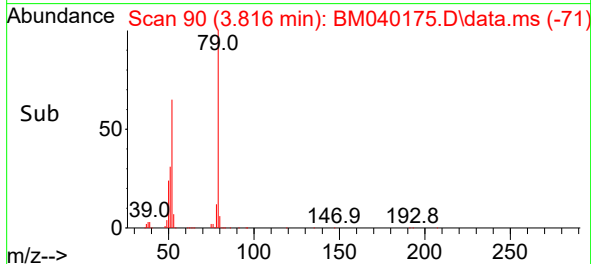
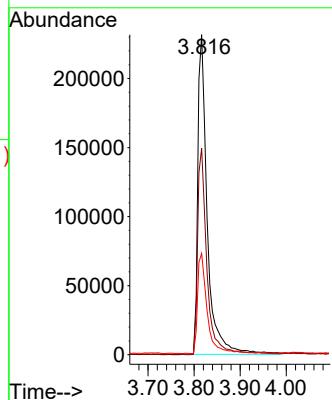
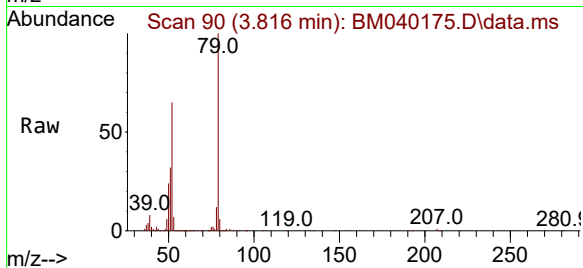




#3
 Pyridine
 Concen: 13.826 ng
 RT: 3.816 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: BM040175.D
 Acq: 09 Jun 2023 02:21

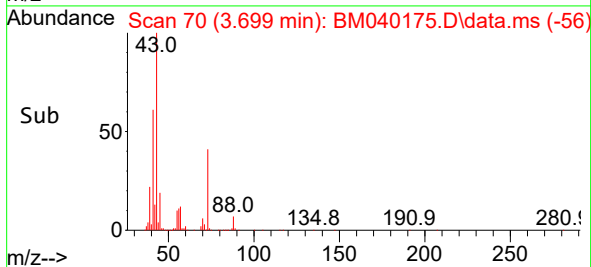
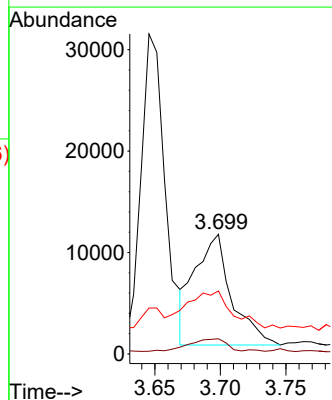
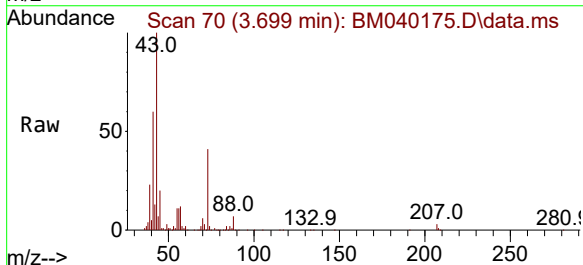
Instrument :
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 ClientSampleId :
 COMP-1-1-5

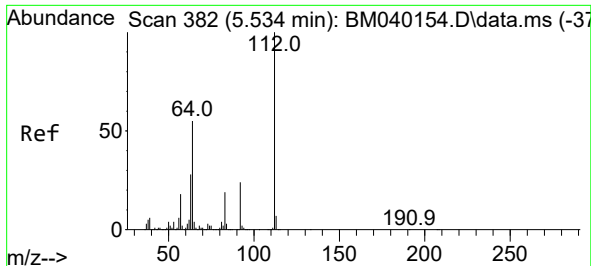
Tgt Ion: 79 Resp: 332188
 Ion Ratio Lower Upper
 79 100
 52 64.5 52.8 79.2
 51 31.6 26.2 39.4



#4
 n-Nitrosodimethylamine
 Concen: 2.209 ng
 RT: 3.699 min Scan# 70
 Delta R.T. -0.018 min
 Lab File: BM040175.D
 Acq: 09 Jun 2023 02:21

Tgt Ion: 42 Resp: 21521
 Ion Ratio Lower Upper
 42 100
 74 12.7 113.0 169.4#
 44 52.6 5.8 8.6#

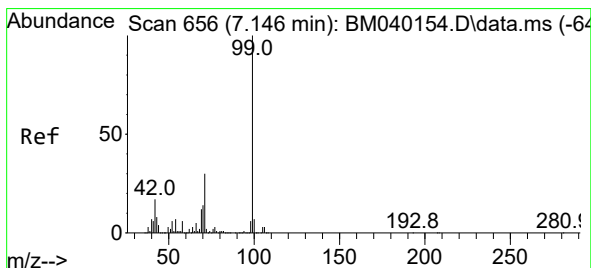
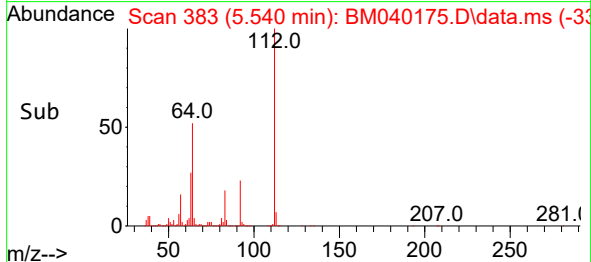
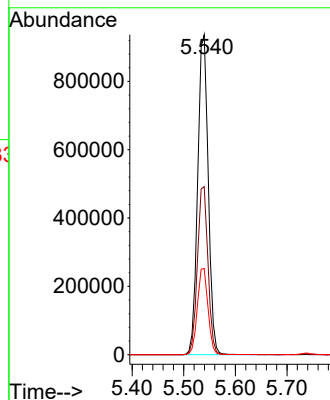
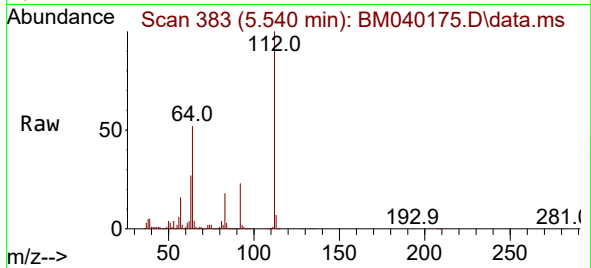




#5
2-Fluorophenol
Concen: 62.792 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

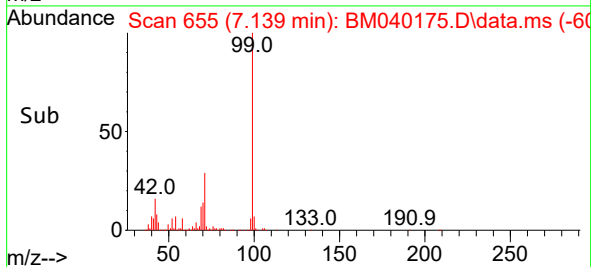
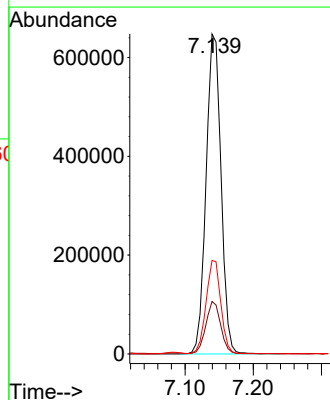
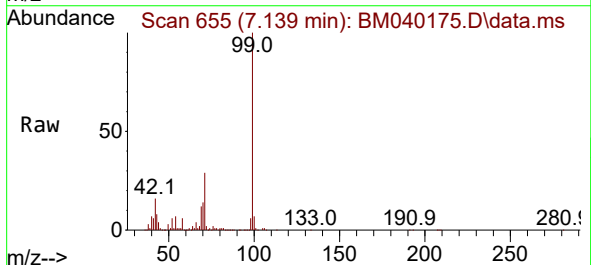
Instrument :
BNA_M
ClientSampleId :
COMP-1-1-5

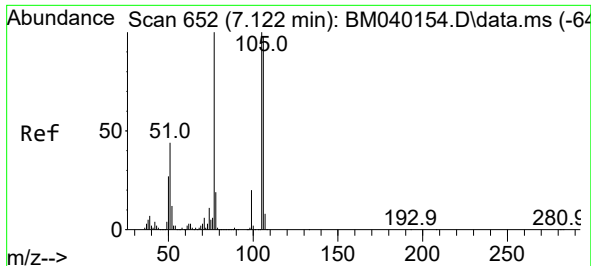
Tgt Ion:112 Resp: 1324571
Ion Ratio Lower Upper
112 100
64 52.5 43.8 65.6
63 27.0 22.8 34.2



#7
Phenol-d6
Concen: 34.375 ng
RT: 7.139 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

Tgt Ion: 99 Resp: 989467
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 29.2 24.3 36.5

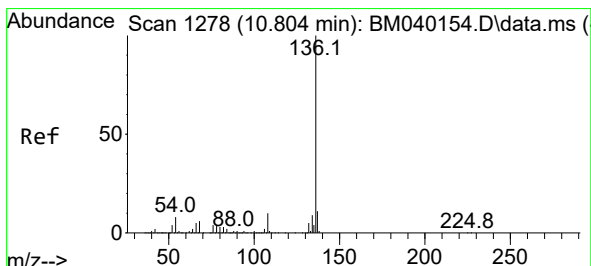
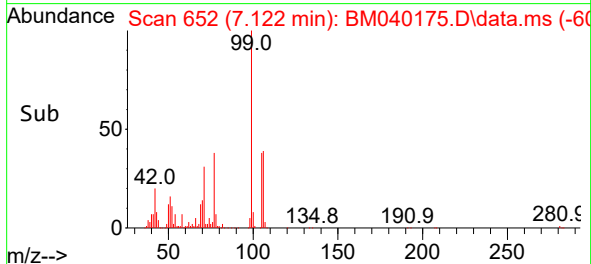
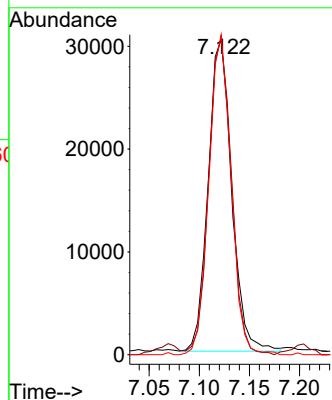
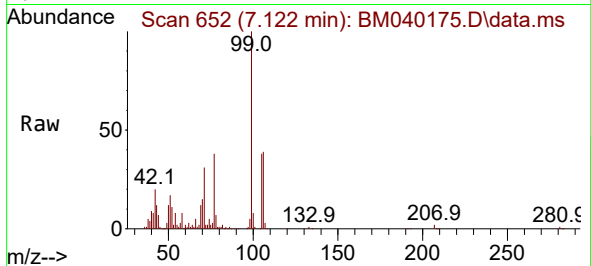




#9
Benzaldehyde
Concen: 3.227 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

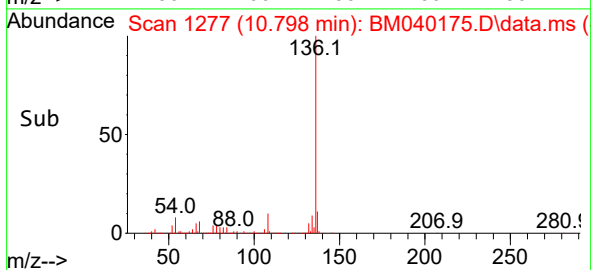
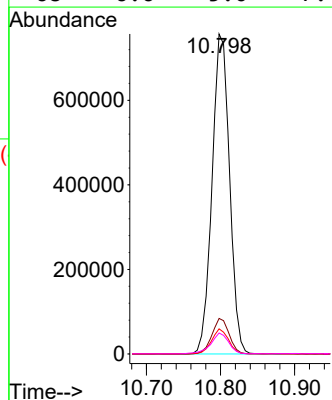
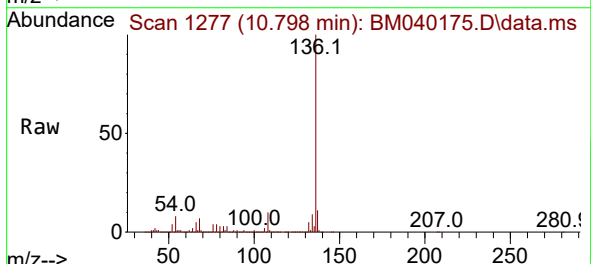
Instrument :
BNA_M
ClientSampleId :
COMP-1-1-5

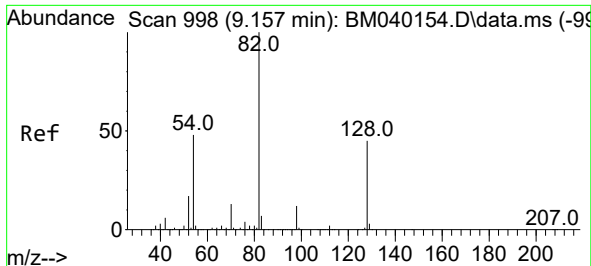
Tgt Ion: 77 Resp: 49460
Ion Ratio Lower Upper
77 100
105 100.3 79.8 119.8
106 101.4 77.4 117.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

Tgt Ion: 136 Resp: 1240566
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 6.2 9.4
68 6.6 5.0 7.4

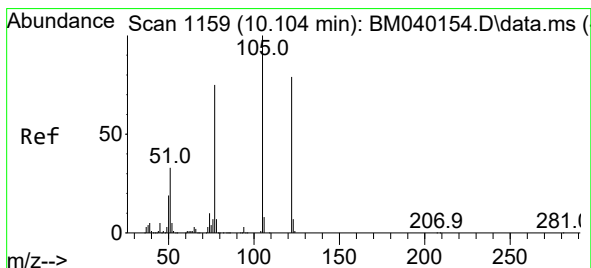
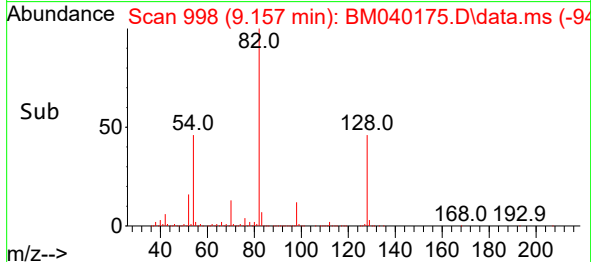
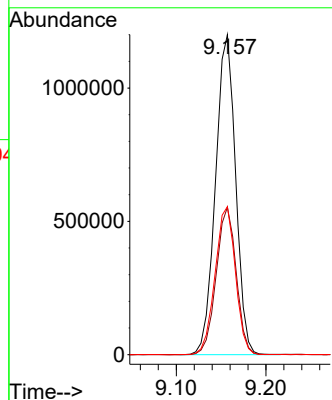
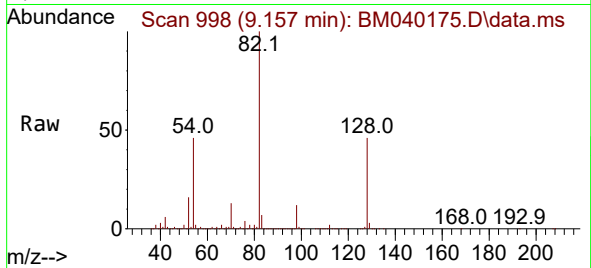




#23
Nitrobenzene-d5
Concen: 81.387 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

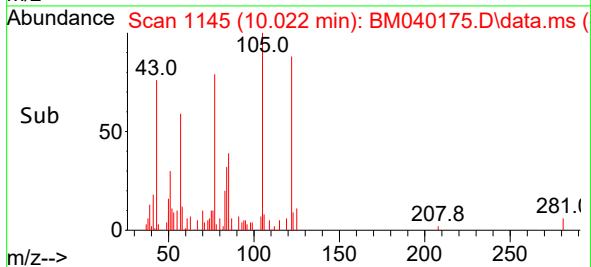
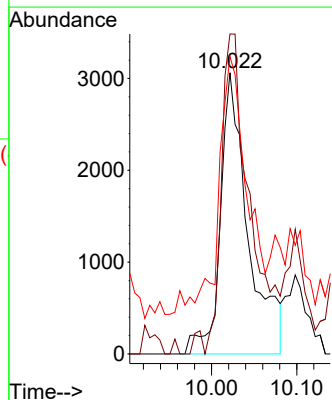
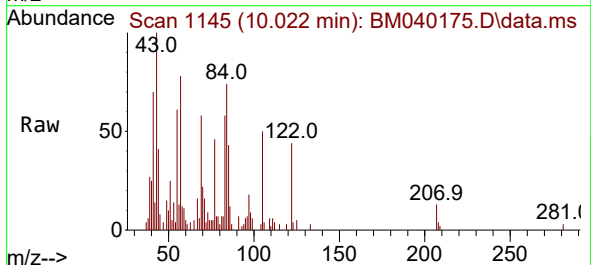
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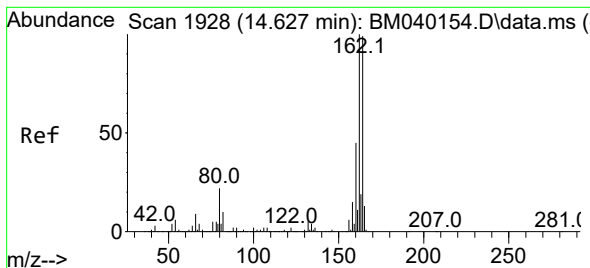
Tgt Ion: 82 Resp: 1865390
Ion Ratio Lower Upper
82 100
128 46.1 36.0 54.0
54 46.2 38.5 57.7



#32
Benzoic acid
Concen: 7.919 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.082 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

Tgt Ion: 122 Resp: 6931
Ion Ratio Lower Upper
122 100
105 113.8 102.7 142.7
77 105.8 73.9 113.9

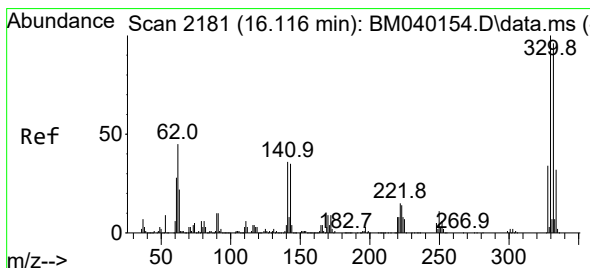
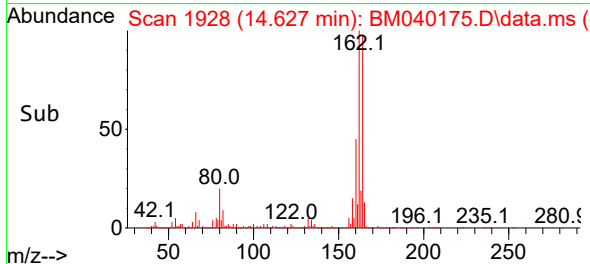
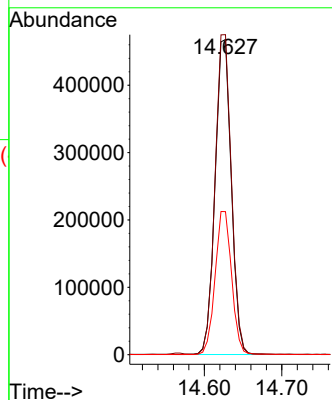
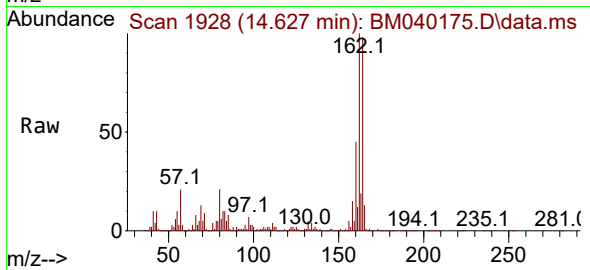




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

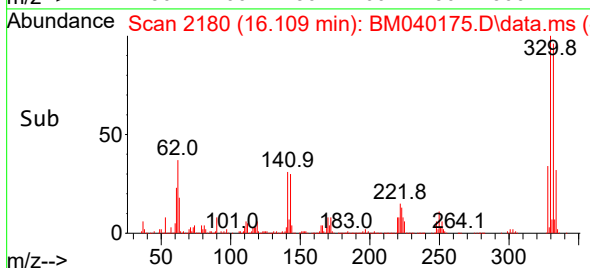
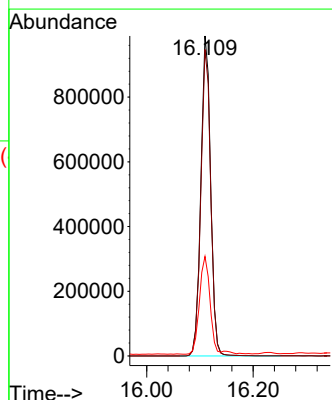
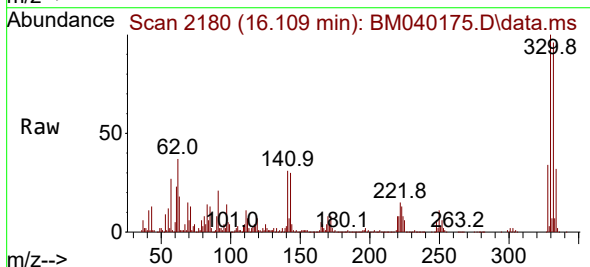
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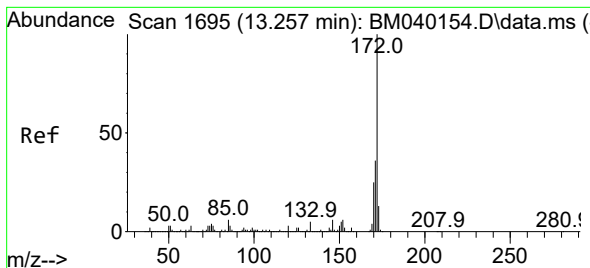
Tgt Ion:164 Resp: 679908
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 45.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 122.907 ng
RT: 16.109 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

Tgt Ion:330 Resp: 1257289
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 32.7 31.6 47.4

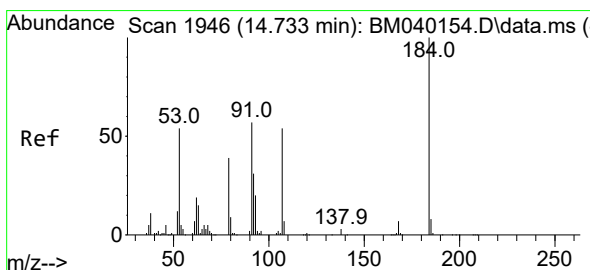
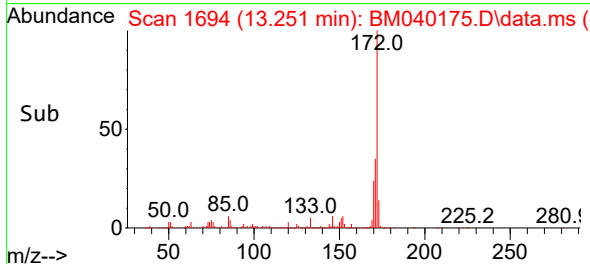
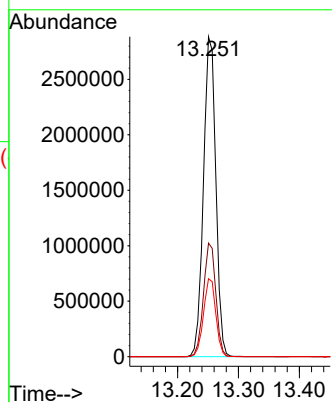
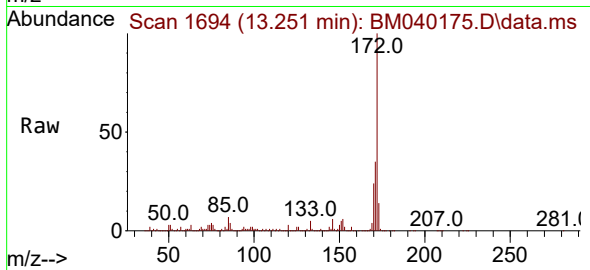




#45
2-Fluorobiphenyl
Concen: 79.167 ng
RT: 13.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

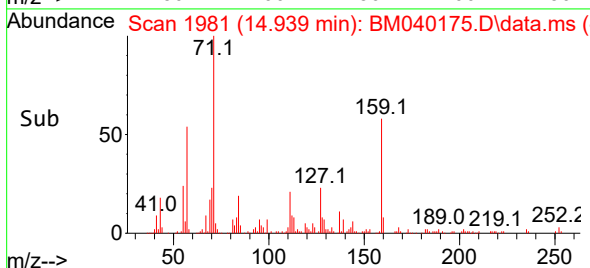
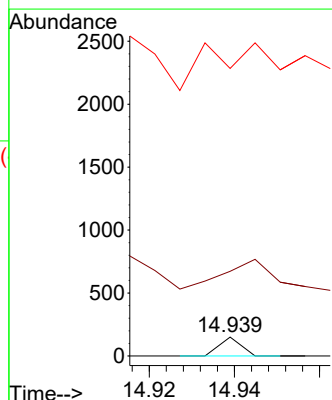
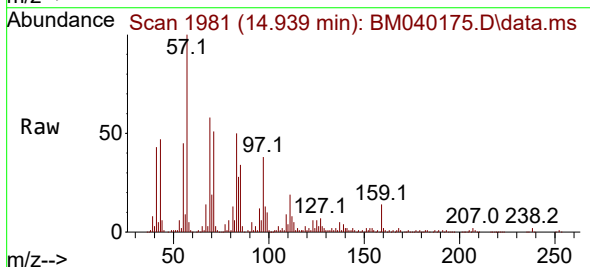
Instrument :
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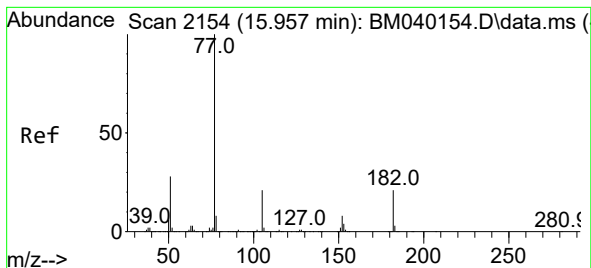
Tgt Ion:172 Resp: 4072471
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.3 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 7.866 ng
RT: 14.939 min Scan# 1981
Delta R.T. 0.206 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 448.7 62.8 94.2#
154 1522.7 55.9 83.9#





#63

Azobenzene

Concen: 2.224 ng

RT: 15.980 min Scan# 2154

Delta R.T. 0.023 min

Lab File: BM040175.D

Acq: 09 Jun 2023 02:21

Instrument :

BNA_M

ClientSampleId :

COMP-1-1-5

Tgt Ion: 77 Resp: 116333

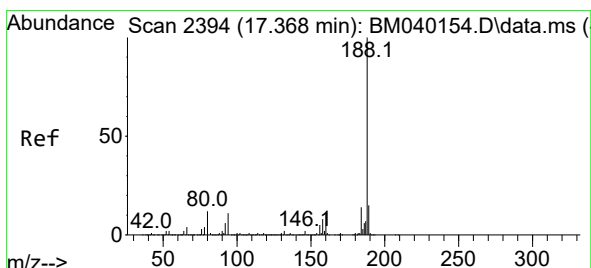
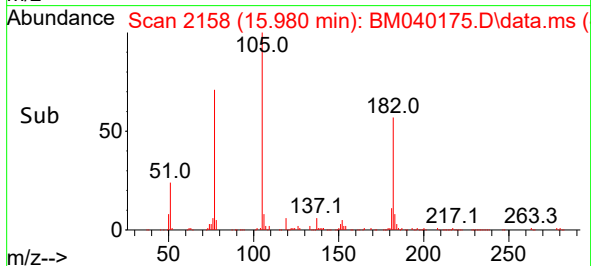
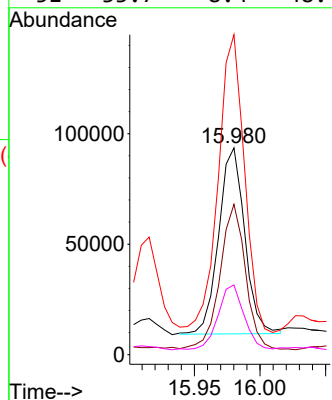
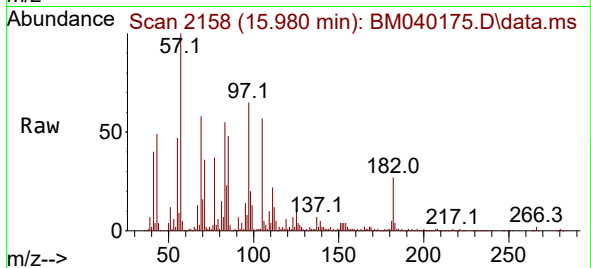
Ion Ratio Lower Upper

77 100

182 72.7 1.1 41.1#

105 154.6 1.1 41.1#

51 33.7 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BM040175.D

Acq: 09 Jun 2023 02:21

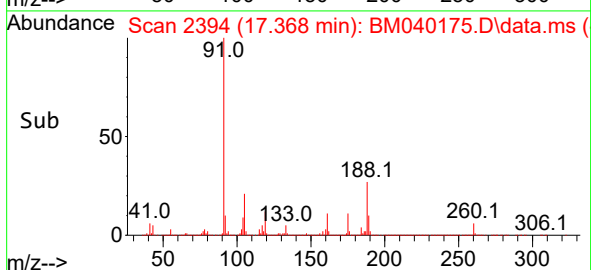
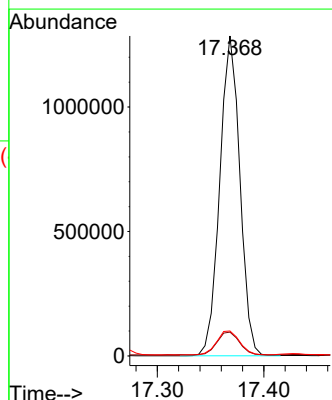
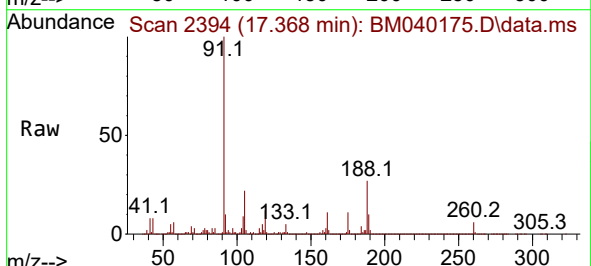
Tgt Ion:188 Resp: 1684906

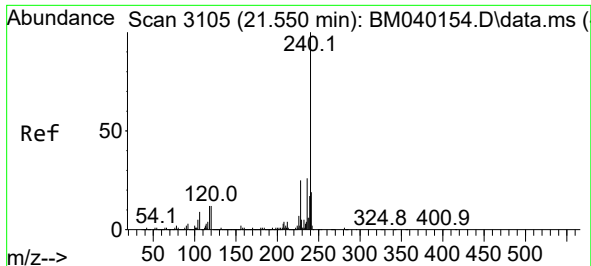
Ion Ratio Lower Upper

188 100

94 7.5 8.9 13.3#

80 7.8 9.6 14.4#

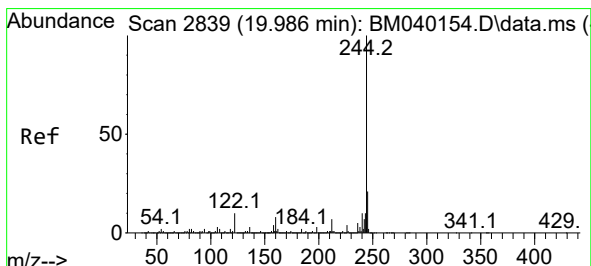
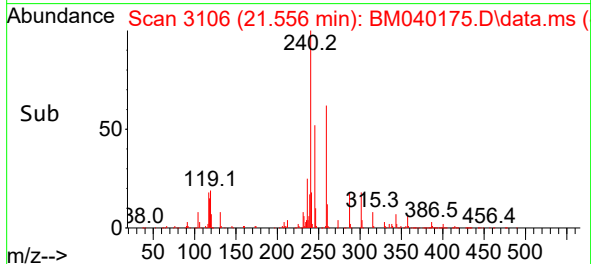
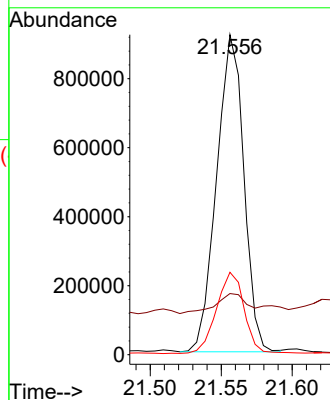
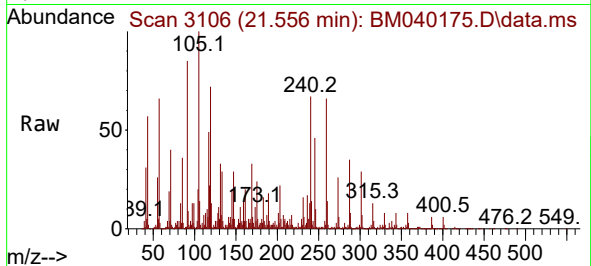




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

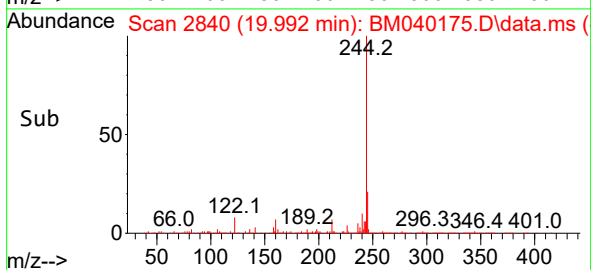
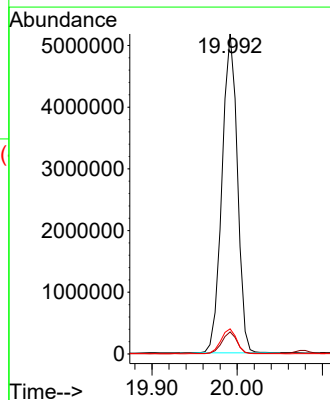
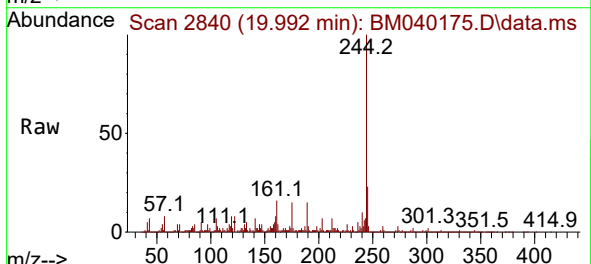
Instrument :
BNA_M
ClientSampleId :
COMP-1-1-5

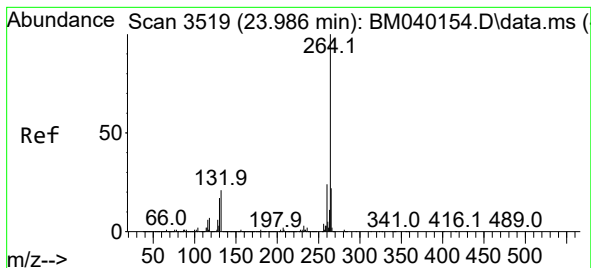
Tgt Ion:240 Resp: 1224543
Ion Ratio Lower Upper
240 100
120 19.1 9.9 14.9#
236 25.8 21.1 31.7



#79
Terphenyl-d14
Concen: 97.771 ng
RT: 19.992 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BM040175.D
Acq: 09 Jun 2023 02:21

Tgt Ion:244 Resp: 6494774
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 7.8 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.997 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM040175.D

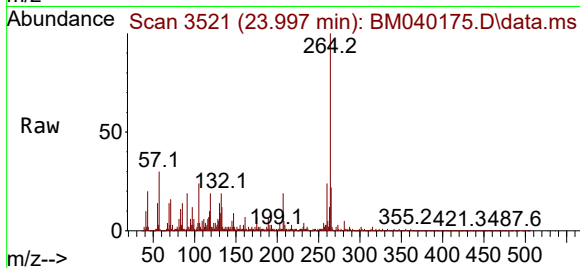
Acq: 09 Jun 2023 02:21

Instrument :

BNA_M

ClientSampleId :

COMP-1-1-5



Tgt Ion:264 Resp: 1706008

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.3 17.7 26.5

