

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040161.D
 Acq On : 08 Jun 2023 16:41
 Operator : MA/JU
 Sample : 03074-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GT-01

Quant Time: Jun 09 02:22:38 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)

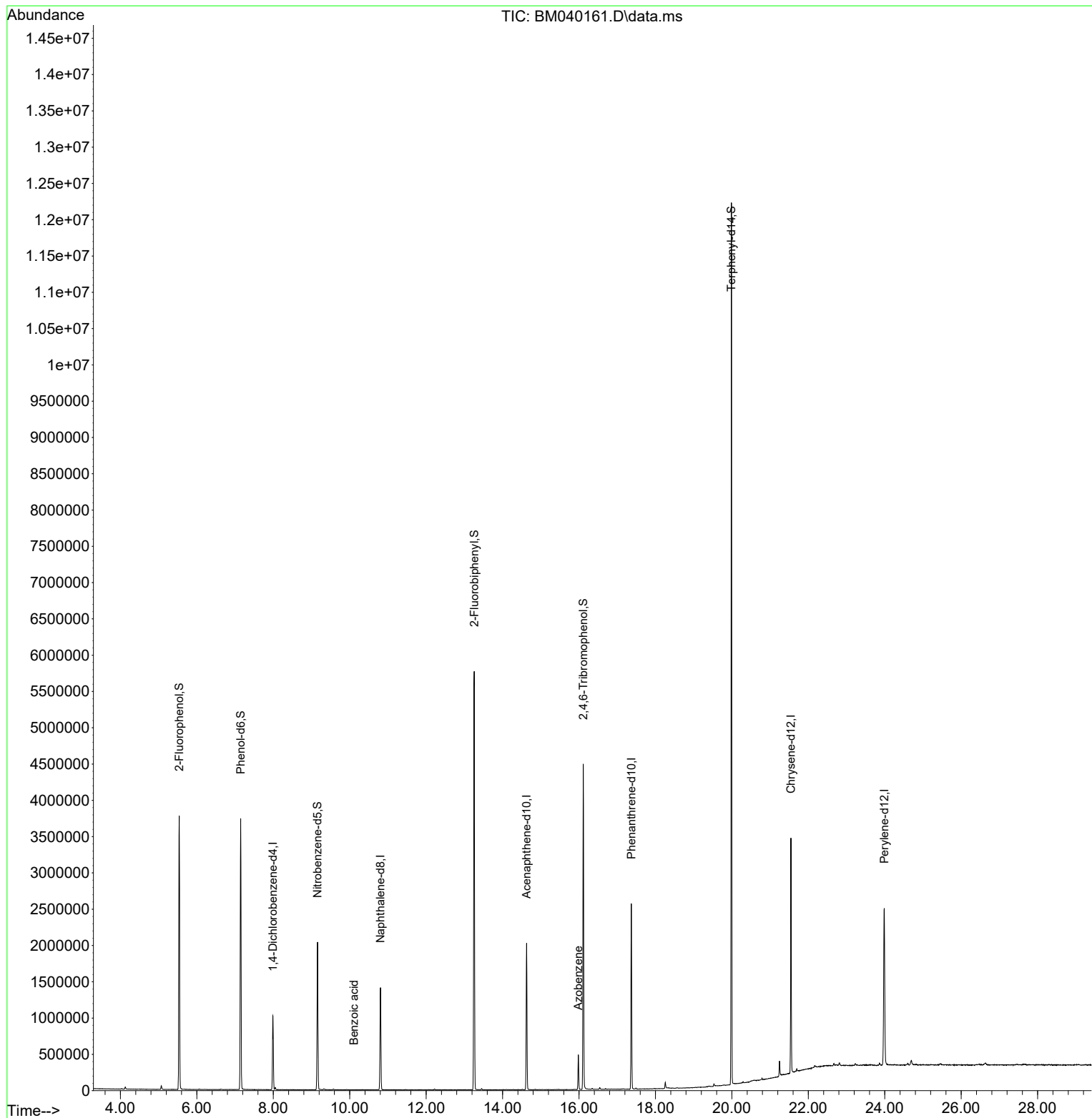
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	277756	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1156100	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	641684	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1381275	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1237223	20.000	ng	0.00
86) Perylene-d12	23.986	264	1472217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1708979	91.871	ng	0.00
7) Phenol-d6	7.146	99	2146385	84.560	ng	0.00
23) Nitrobenzene-d5	9.157	82	1132463	53.019	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	748300	77.508	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	2796029	57.591	ng	0.00
79) Terphenyl-d14	19.986	244	4983424	74.251	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.110	122	55	7.526	ng	# 61
63) Azobenzene	15.980	77	130179	2.637	ng	# 1

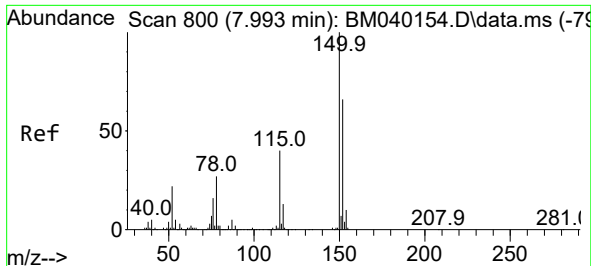
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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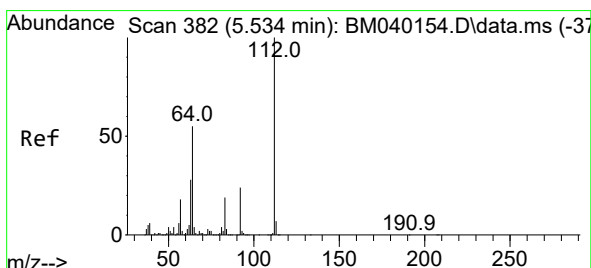
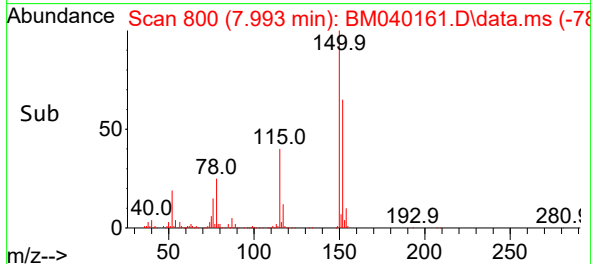
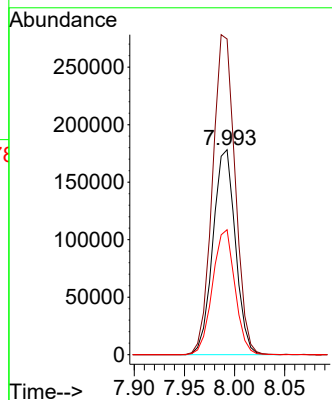
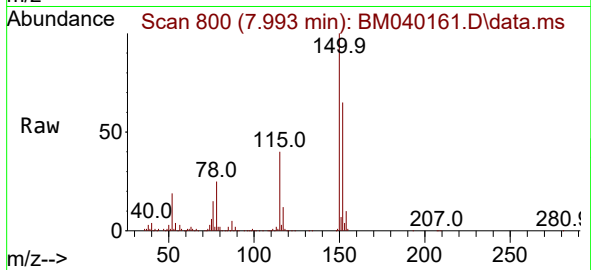




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 800
Delta R.T. -0.000 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

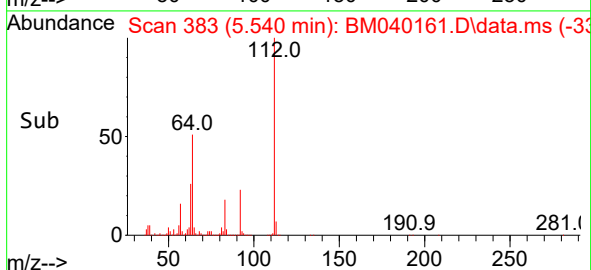
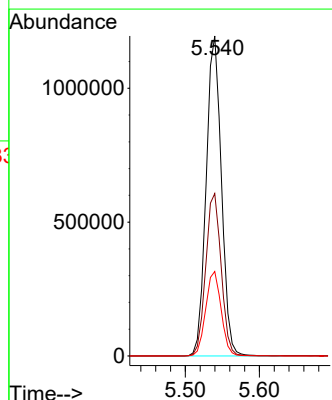
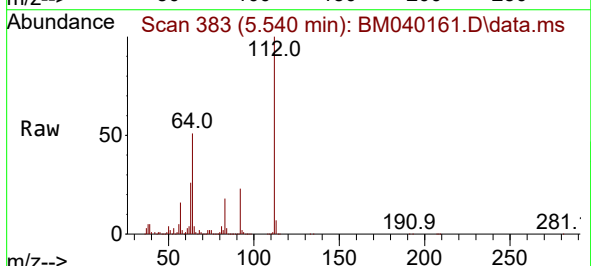
Instrument :
BNA_M
ClientSampleId :
GT-01

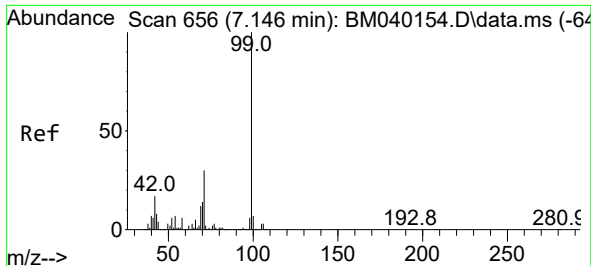
Tgt Ion:152 Resp: 277756
Ion Ratio Lower Upper
152 100
150 154.0 121.4 182.0
115 60.9 48.2 72.4



#5
2-Fluorophenol
Concen: 91.871 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

Tgt Ion:112 Resp: 1708979
Ion Ratio Lower Upper
112 100
64 50.8 43.8 65.6
63 26.4 22.8 34.2



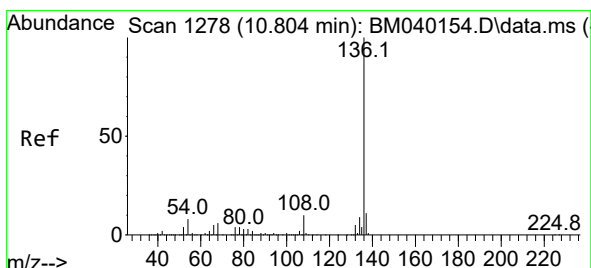
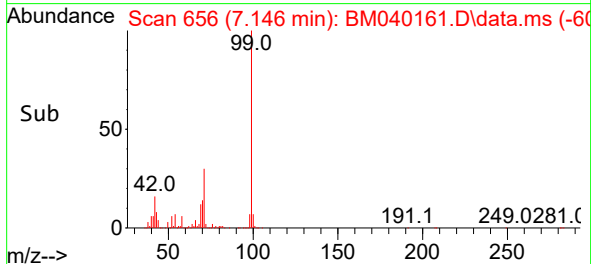
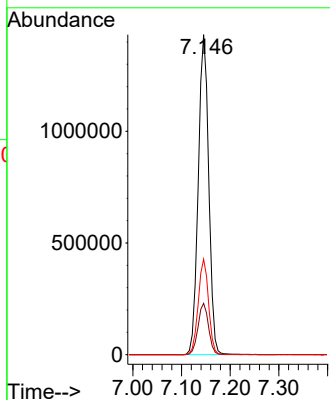
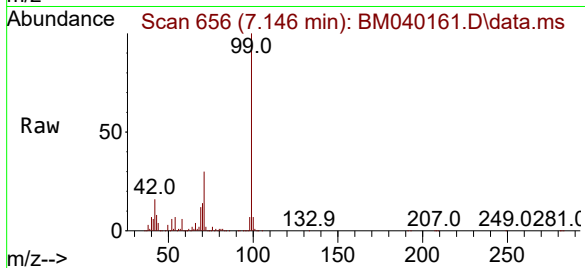


#7
Phenol-d6
Concen: 84.560 ng
RT: 7.146 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

Instrument :
BNA_M
ClientSampleId :
GT-01

Tgt Ion: 99 Resp: 2146385

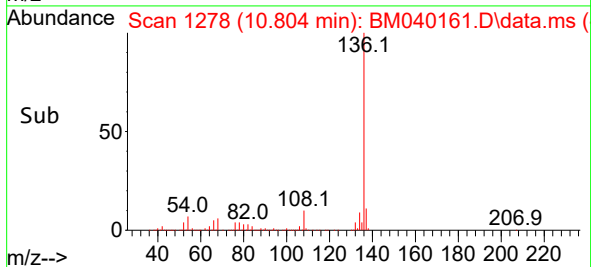
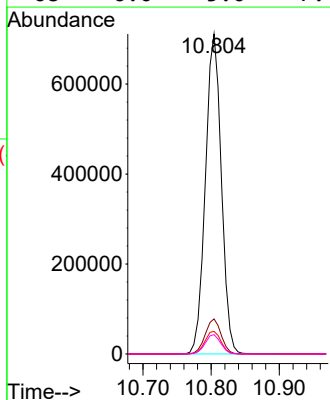
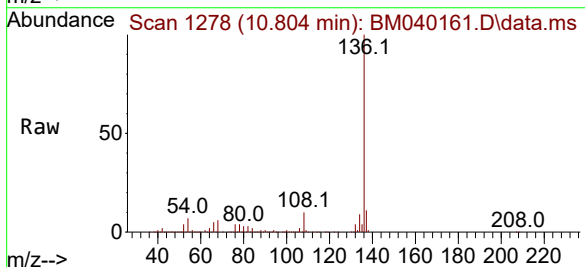
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.2
71	29.9	24.3	36.5

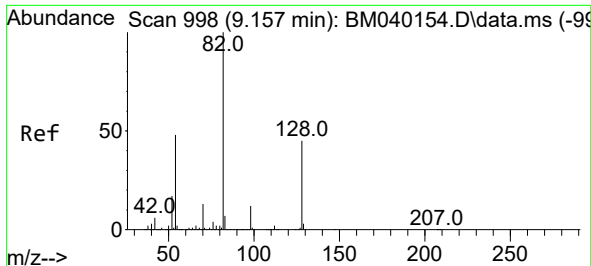


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

Tgt Ion: 136 Resp: 1156100

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	6.2	9.4
68	6.0	5.0	7.4

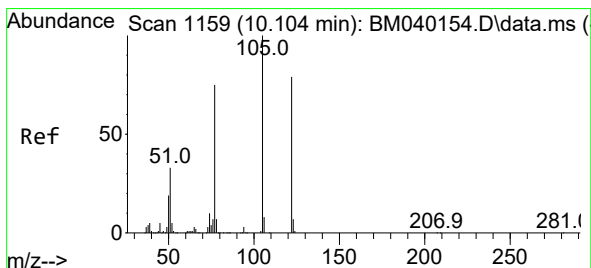
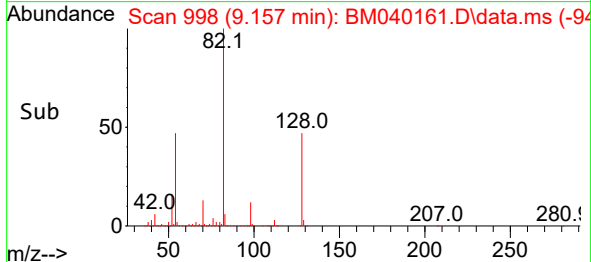
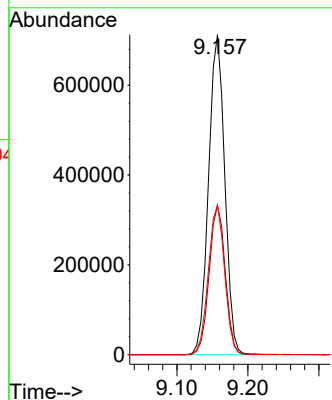
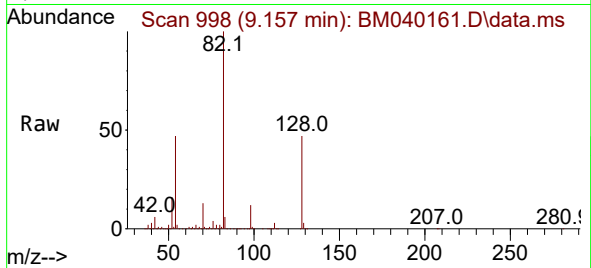




#23
Nitrobenzene-d5
Concen: 53.019 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

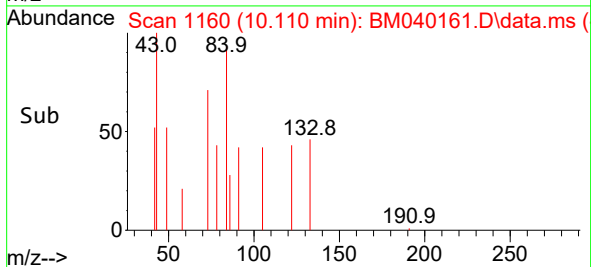
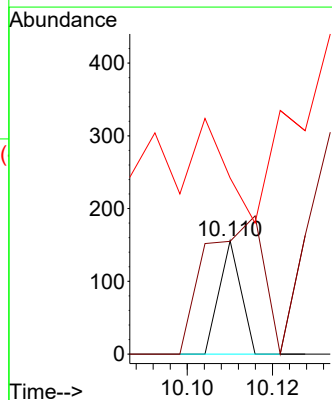
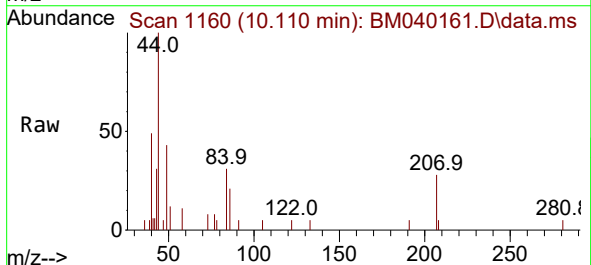
Instrument :
BNA_M
ClientSampleId :
GT-01

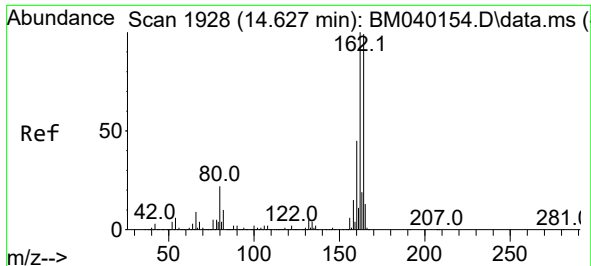
Tgt Ion: 82 Resp: 1132463
Ion Ratio Lower Upper
82 100
128 46.6 36.0 54.0
54 46.8 38.5 57.7



#32
Benzoic acid
Concen: 7.526 ng
RT: 10.110 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 99.4 102.7 142.7#
77 155.1 73.9 113.9#

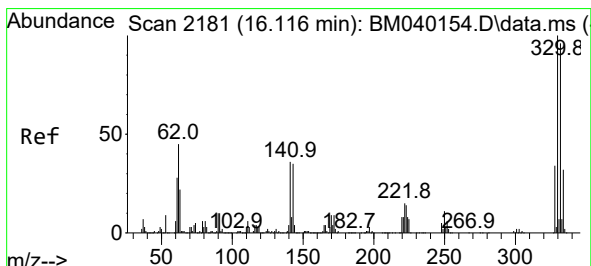
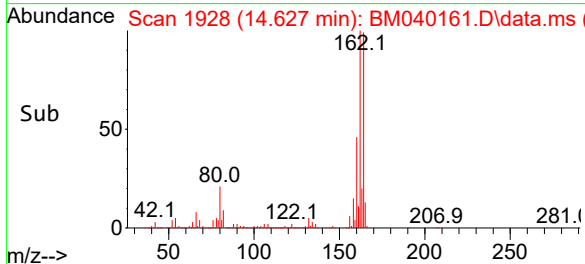
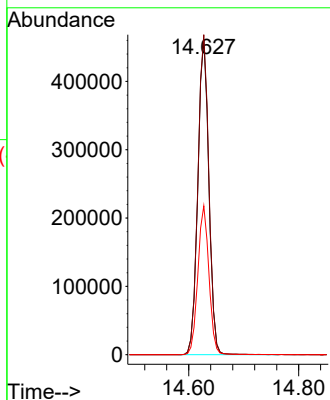
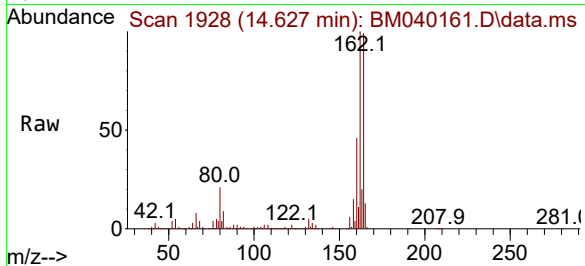




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

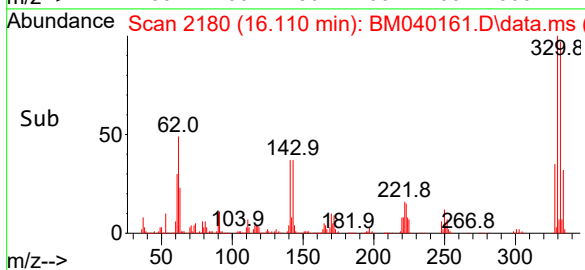
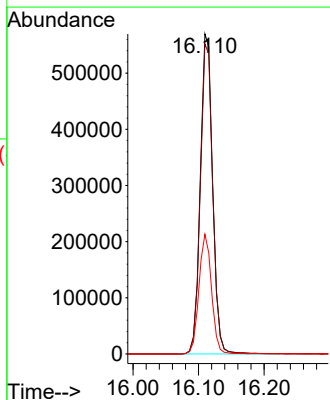
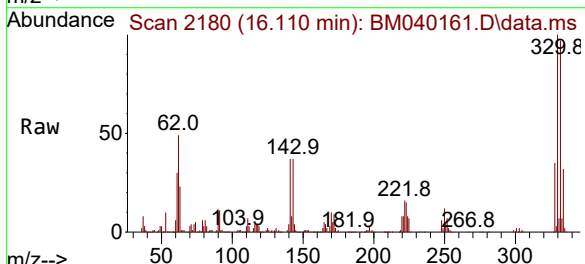
Instrument :
BNA_M
ClientSampleId :
GT-01

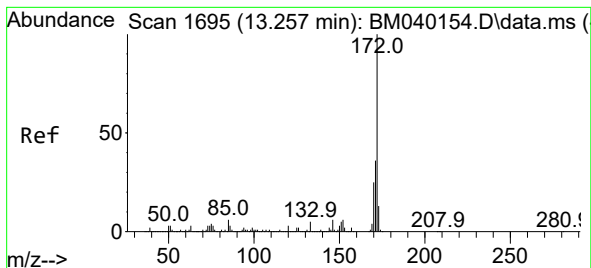
Tgt Ion:164 Resp: 641684
Ion Ratio Lower Upper
164 100
162 101.4 80.4 120.6
160 47.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 77.508 ng
RT: 16.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

Tgt Ion:330 Resp: 748300
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 38.1 31.6 47.4

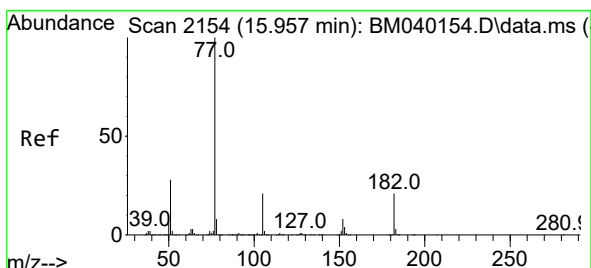
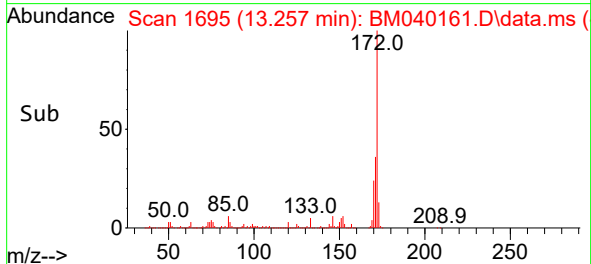
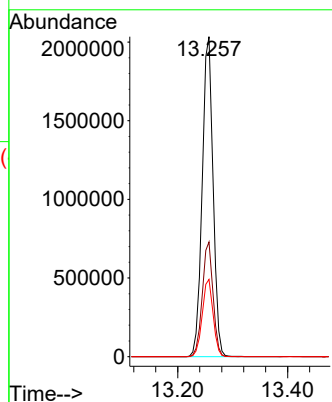
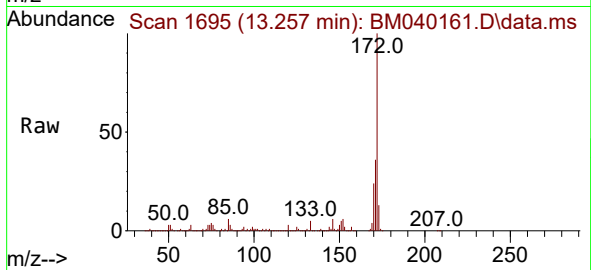




#45
2-Fluorobiphenyl
Concen: 57.591 ng
RT: 13.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

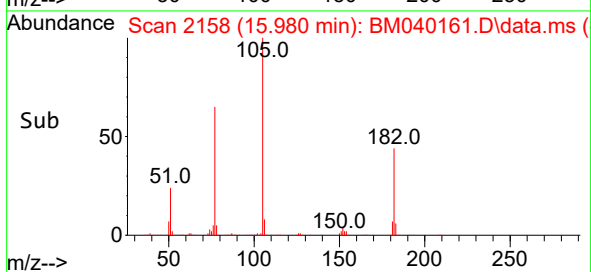
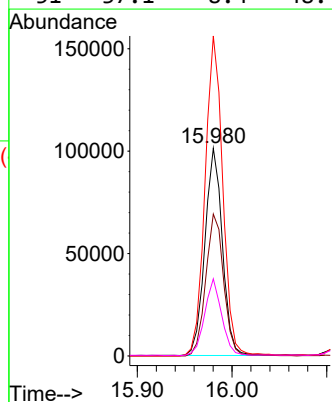
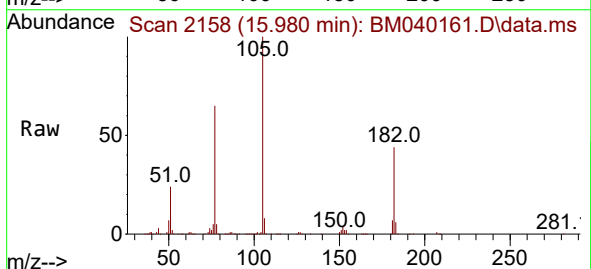
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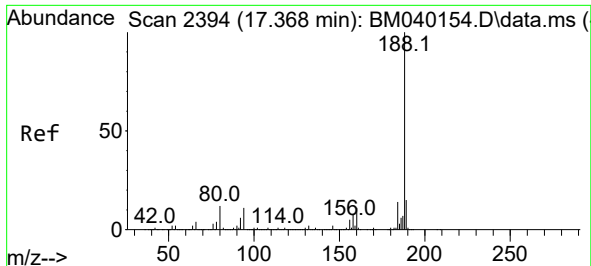
Tgt Ion:172 Resp: 2796029
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.2 19.8 29.6



#63
Azobenzene
Concen: 2.637 ng
RT: 15.980 min Scan# 2158
Delta R.T. 0.024 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

Tgt Ion: 77 Resp: 130179
Ion Ratio Lower Upper
77 100
182 68.3 1.1 41.1#
105 154.0 1.1 41.1#
51 37.1 8.4 48.4

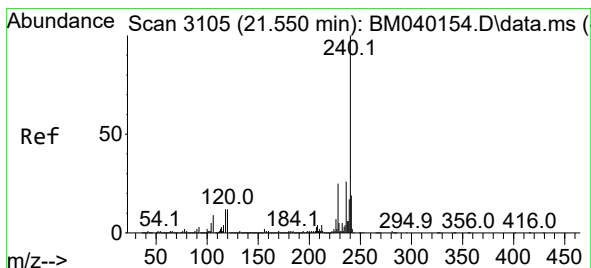
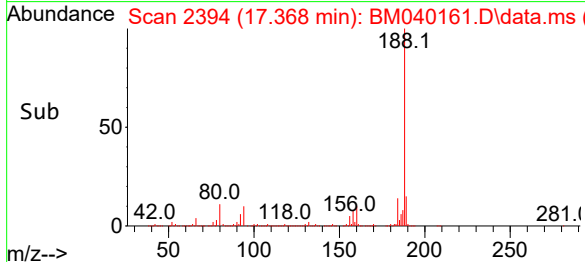
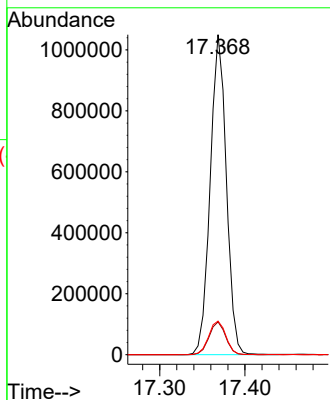
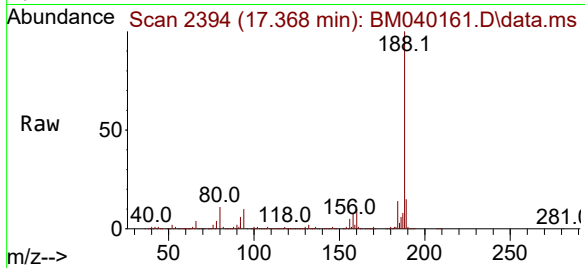




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

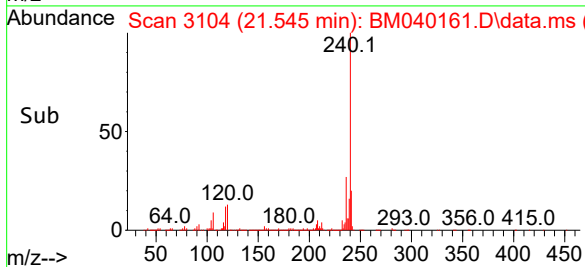
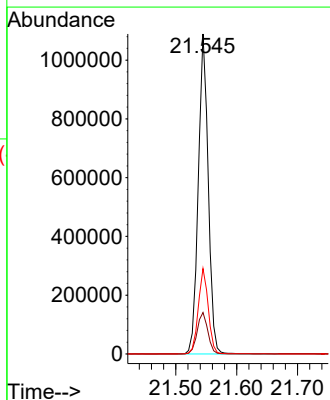
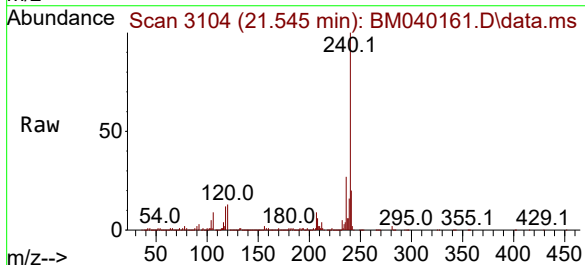
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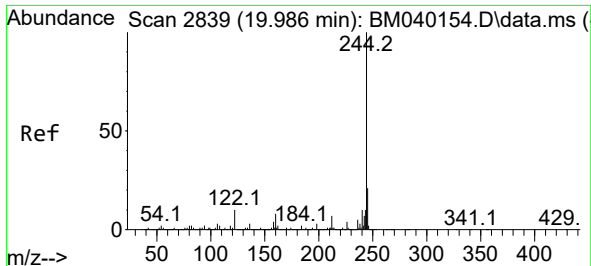
Tgt Ion:188 Resp: 1381275
Ion Ratio Lower Upper
188 100
94 10.2 8.9 13.3
80 10.5 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040161.D
Acq: 08 Jun 2023 16:41

Tgt Ion:240 Resp: 1237223
Ion Ratio Lower Upper
240 100
120 12.9 9.9 14.9
236 26.7 21.1 31.7

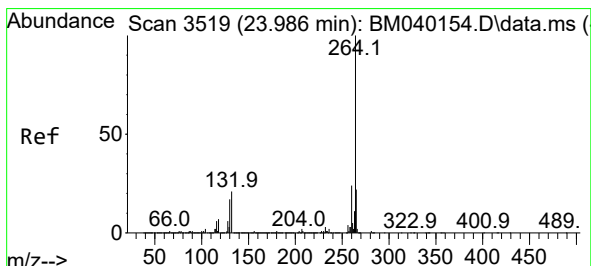
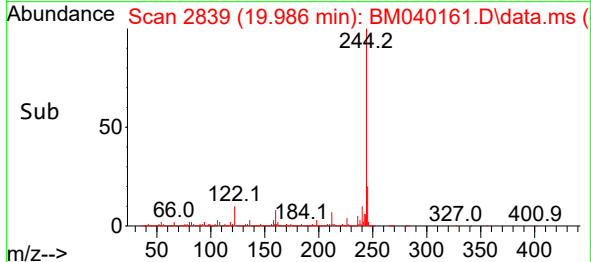
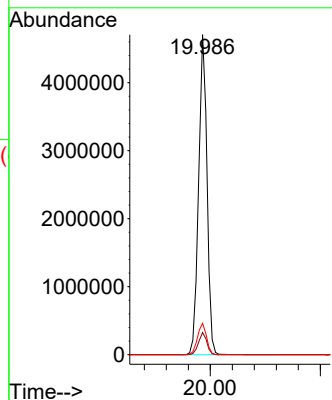
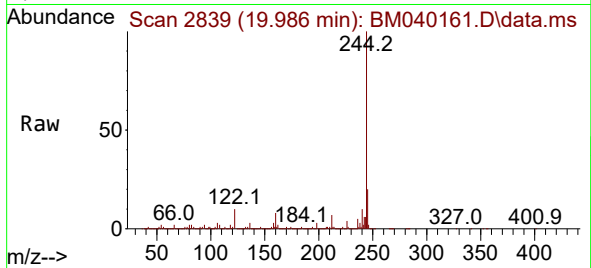




#79
 Terphenyl-d14
 Concen: 74.251 ng
 RT: 19.986 min Scan# 2839
 Delta R.T. -0.000 min
 Lab File: BM040161.D
 Acq: 08 Jun 2023 16:41

Instrument :
 BNA_M
 ClientSampleId :
 GT-01

Tgt Ion:244 Resp: 4983424
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.986 min Scan# 3519
 Delta R.T. -0.000 min
 Lab File: BM040161.D
 Acq: 08 Jun 2023 16:41

Tgt Ion:264 Resp: 1472217
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.5 17.7 26.5

