

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040172.D
 Acq On : 09 Jun 2023 00:33
 Operator : MA/JU
 Sample : 03074-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GP-01

Quant Time: Jun 09 02:25:49 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)

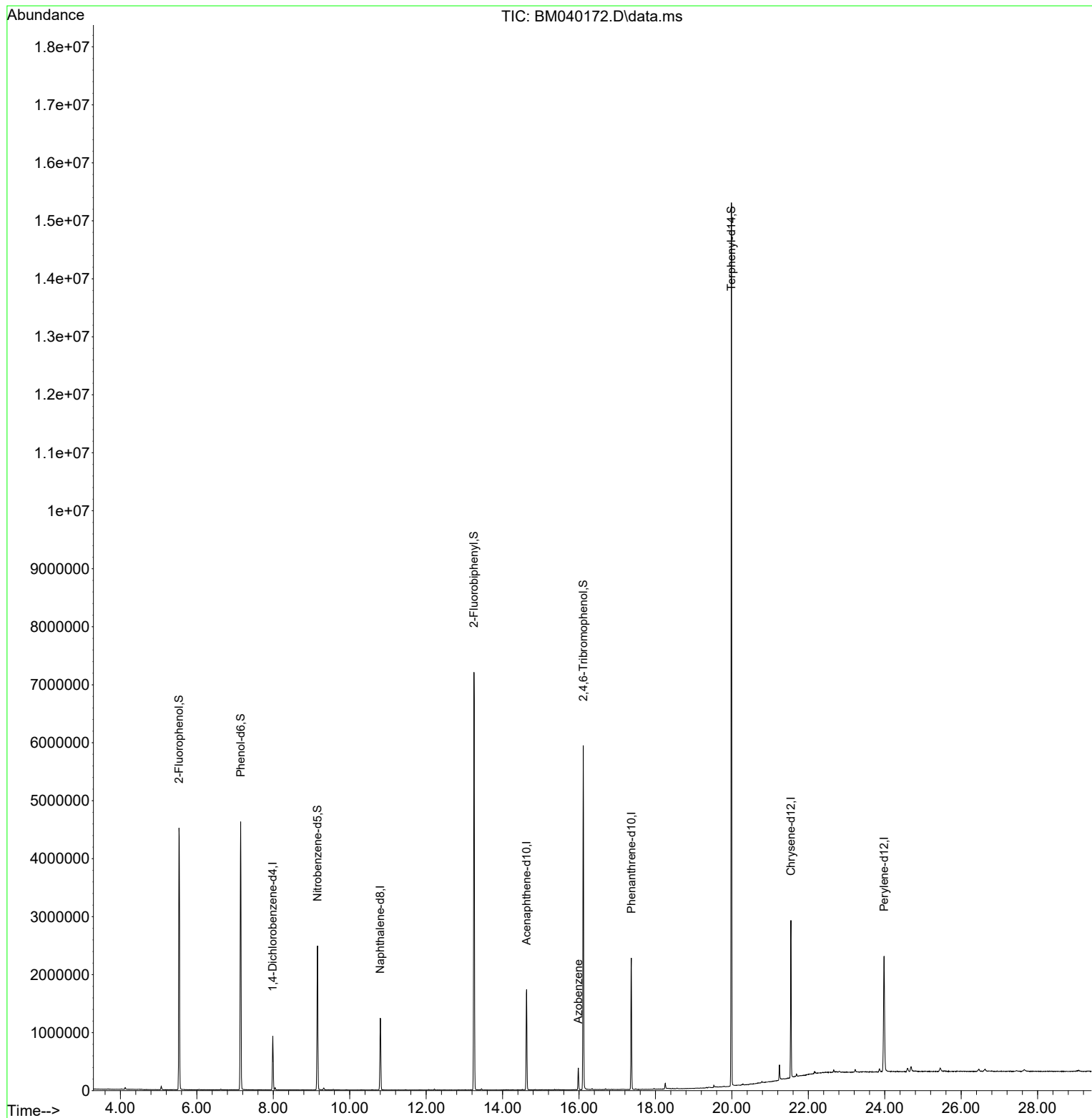
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	242930	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1024153	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	557951	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1189236	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1054288	20.000	ng	0.00
86) Perylene-d12	23.980	264	1253896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2064173	126.873	ng	0.00
7) Phenol-d6	7.146	99	2667964	120.177	ng	0.00
23) Nitrobenzene-d5	9.157	82	1400476	74.014	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	947814	112.906	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	3407720	80.724	ng	0.00
79) Terphenyl-d14	19.986	244	6366700	111.321	ng	0.00
Target Compounds						
63) Azobenzene	15.980	77	103319	2.407	ng	Qvalue # 1

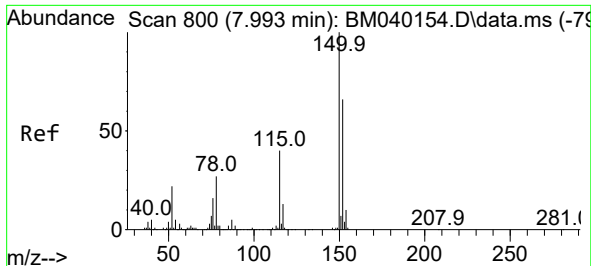
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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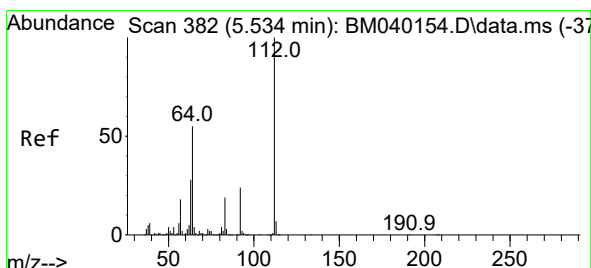
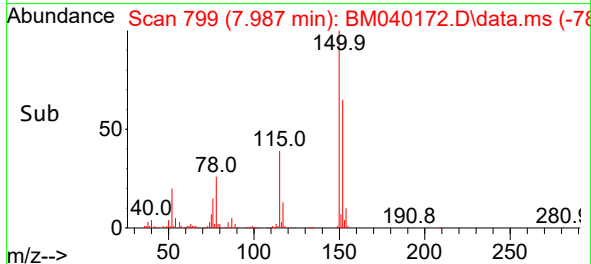
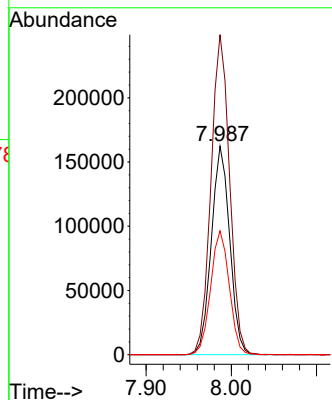
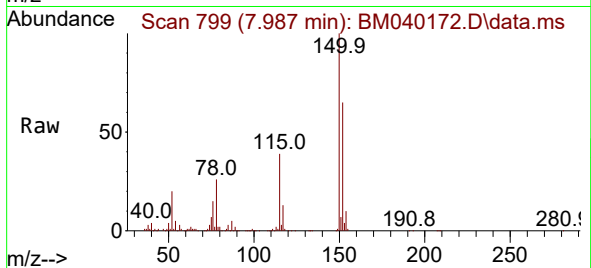




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

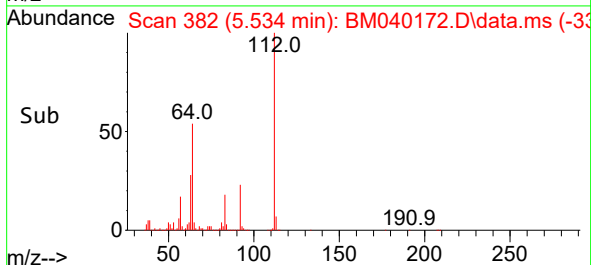
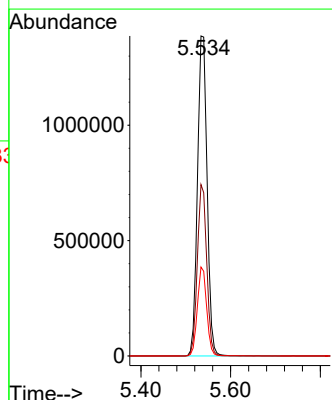
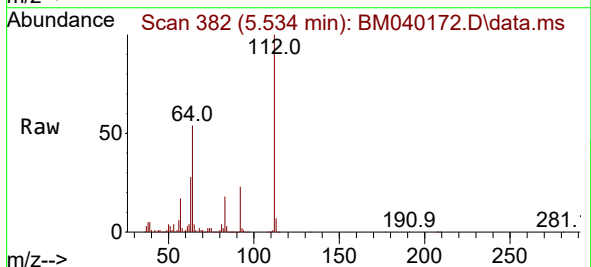
Instrument :
BNA_M
ClientSampleId :
GP-01

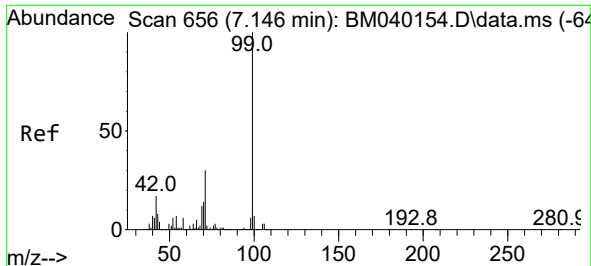
Tgt Ion:152 Resp: 242930
Ion Ratio Lower Upper
152 100
150 153.4 121.4 182.0
115 59.4 48.2 72.4



#5
2-Fluorophenol
Concen: 126.873 ng
RT: 5.534 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

Tgt Ion:112 Resp: 2064173
Ion Ratio Lower Upper
112 100
64 53.5 43.8 65.6
63 27.8 22.8 34.2

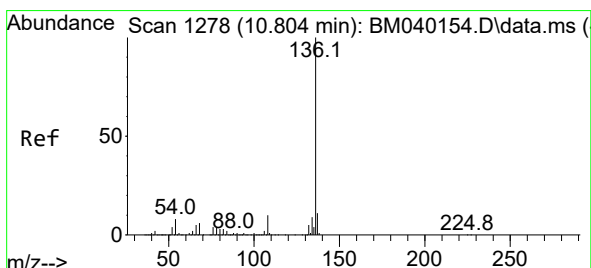
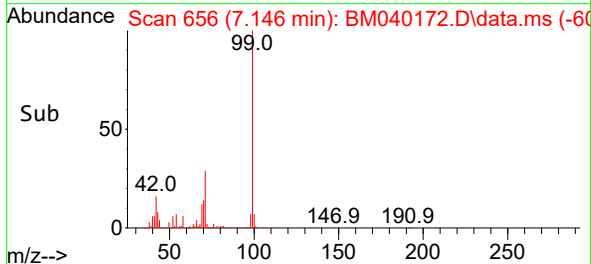
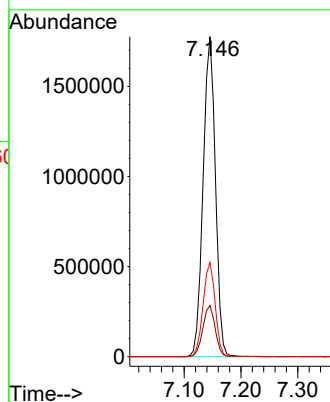
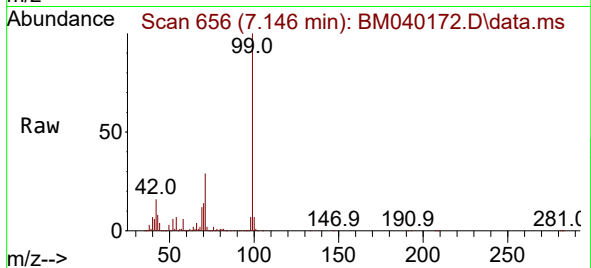




#7
Phenol-d6
Concen: 120.177 ng
RT: 7.146 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

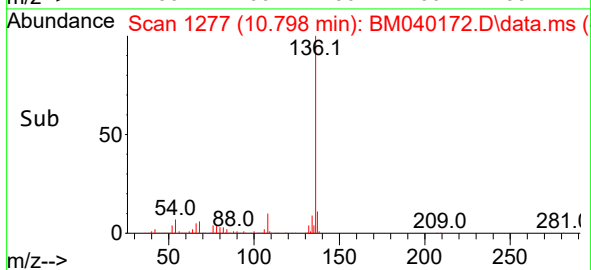
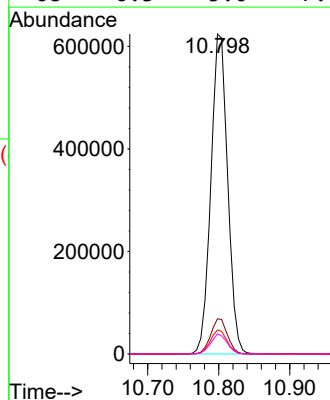
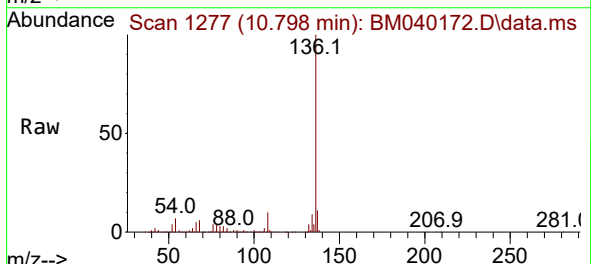
Instrument :
BNA_M
ClientSampleId :
GP-01

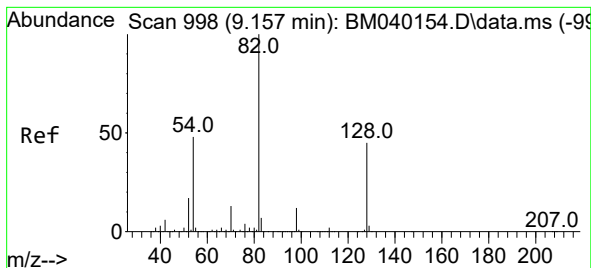
Tgt Ion: 99 Resp: 2667964
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 29.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

Tgt Ion: 136 Resp: 1024153
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 6.2 9.4
68 6.3 5.0 7.4

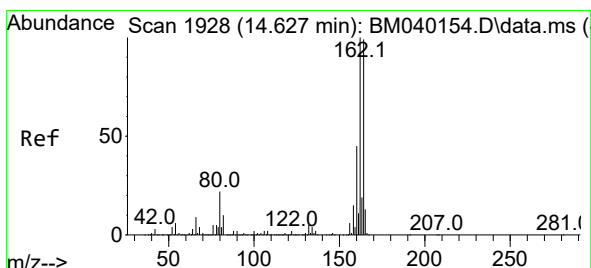
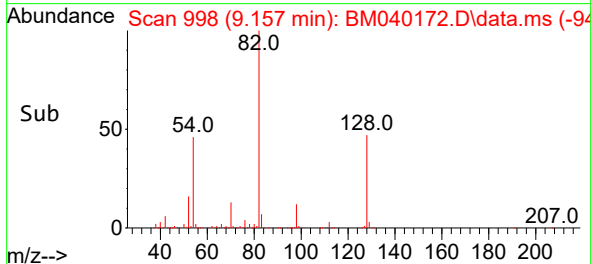
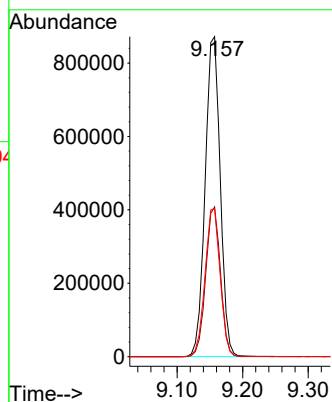
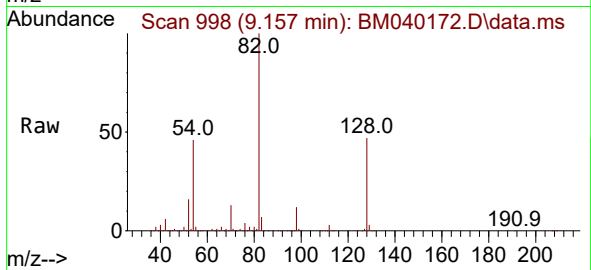




#23
Nitrobenzene-d5
Concen: 74.014 ng
RT: 9.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

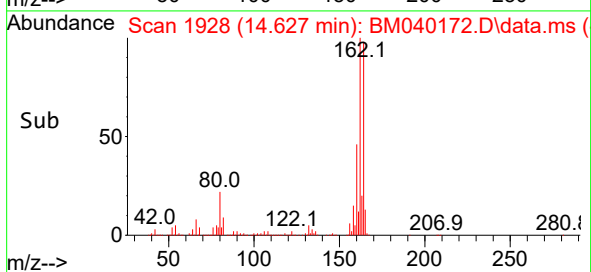
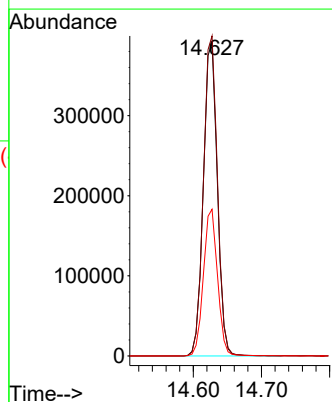
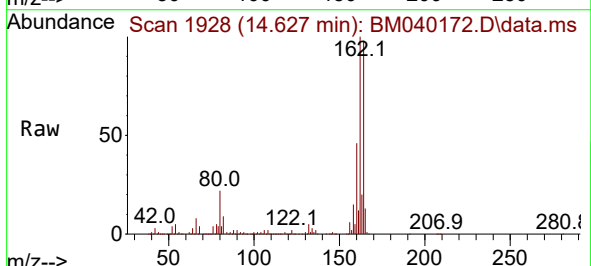
Instrument :
BNA_M
ClientSampleId :
GP-01

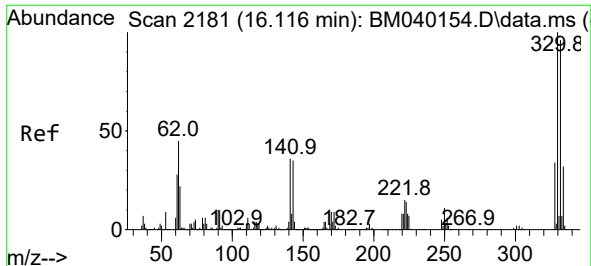
Tgt Ion: 82 Resp: 1400476
Ion Ratio Lower Upper
82 100
128 46.8 36.0 54.0
54 46.3 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

Tgt Ion: 164 Resp: 557951
Ion Ratio Lower Upper
164 100
162 102.1 80.4 120.6
160 46.8 35.9 53.9

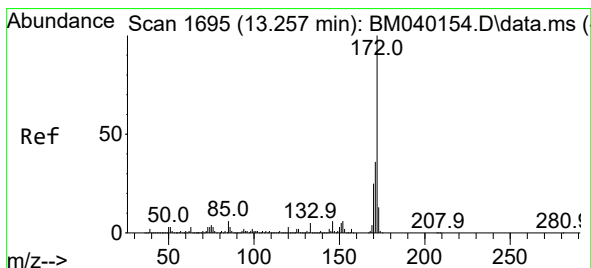
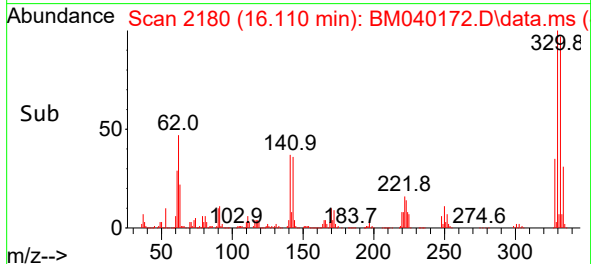
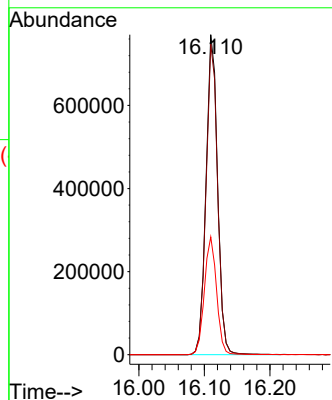
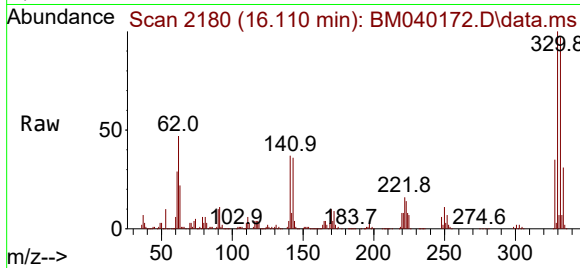




#42
2,4,6-Tribromophenol
Concen: 112.906 ng
RT: 16.110 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

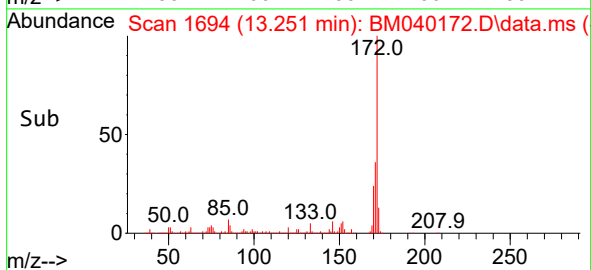
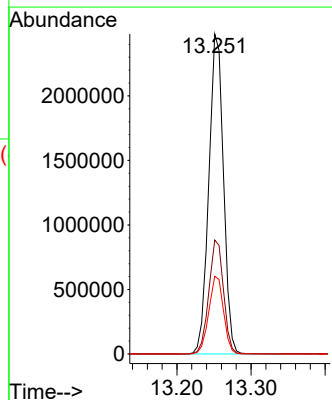
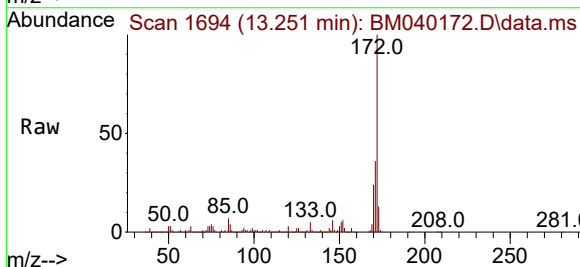
Instrument :
BNA_M
ClientSampleId :
GP-01

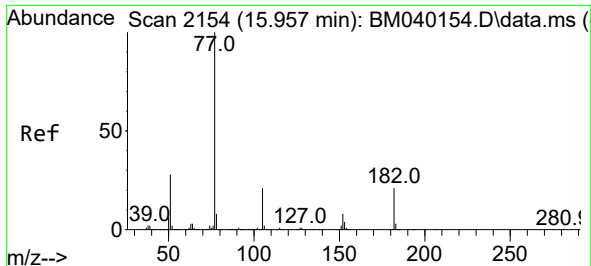
Tgt Ion:330 Resp: 947814
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 38.9 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 80.724 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

Tgt Ion:172 Resp: 3407720
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.3 19.8 29.6

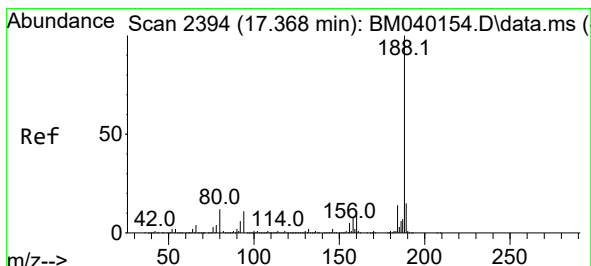
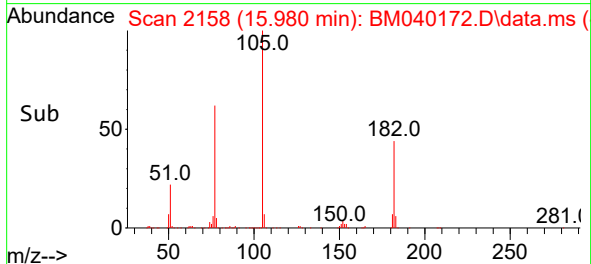
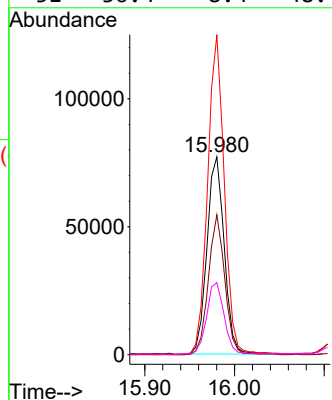
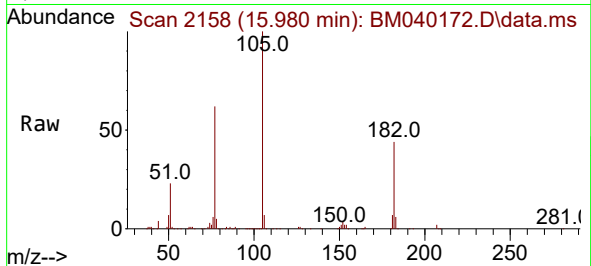




#63
Azobenzene
Concen: 2.407 ng
RT: 15.980 min Scan# 2154
Delta R.T. 0.024 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

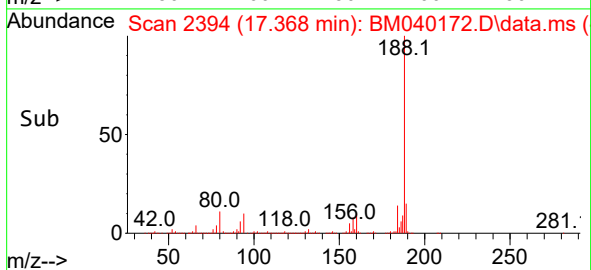
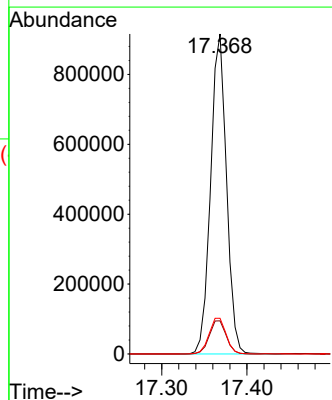
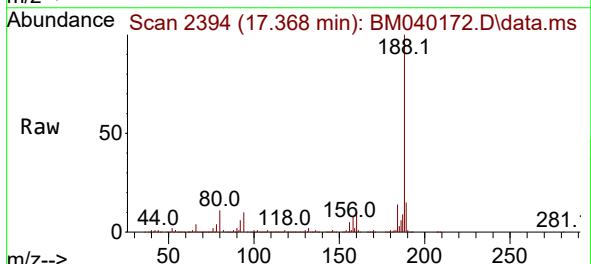
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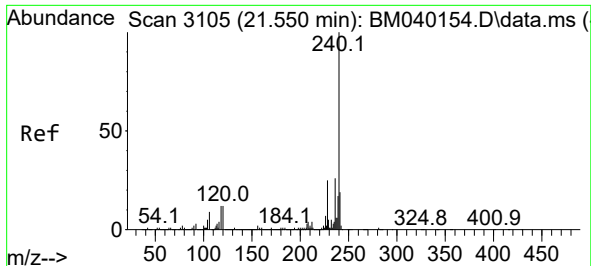
Tgt Ion: 77 Resp: 103319
Ion Ratio Lower Upper
77 100
182 70.7 1.1 41.1#
105 161.8 1.1 41.1#
51 36.4 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

Tgt Ion:188 Resp: 1189236
Ion Ratio Lower Upper
188 100
94 10.4 8.9 13.3
80 11.1 9.6 14.4

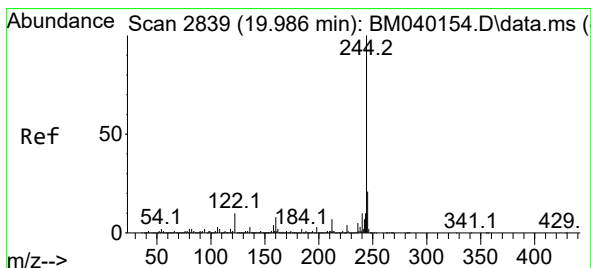
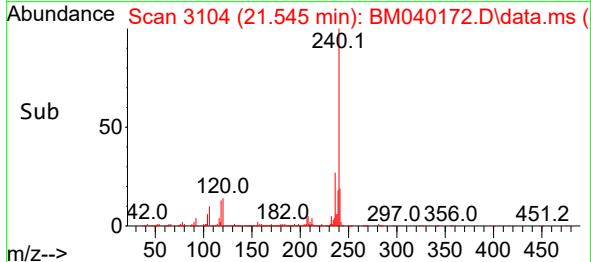
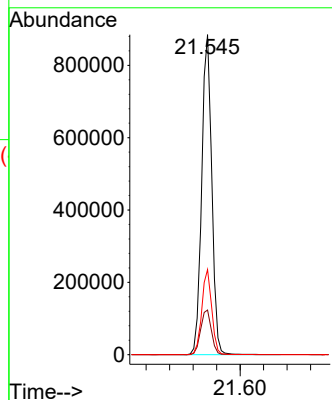
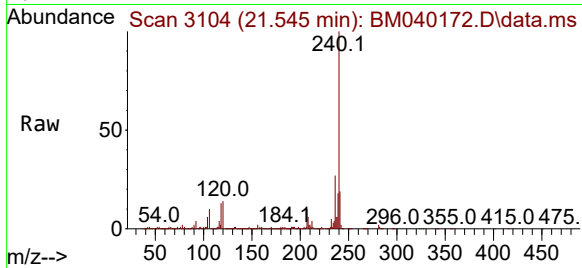




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

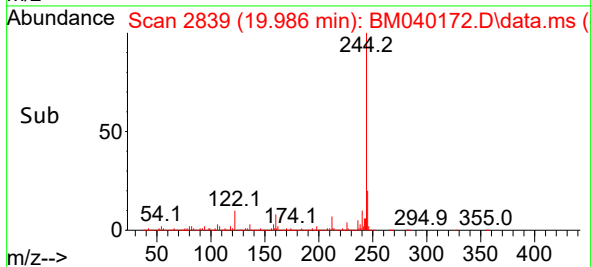
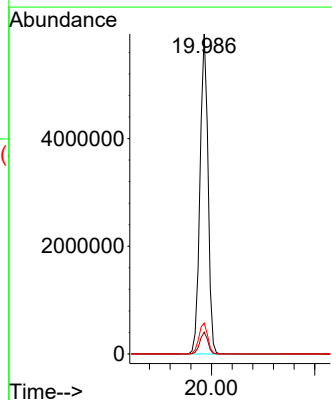
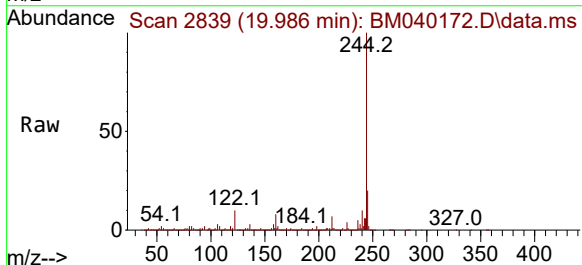
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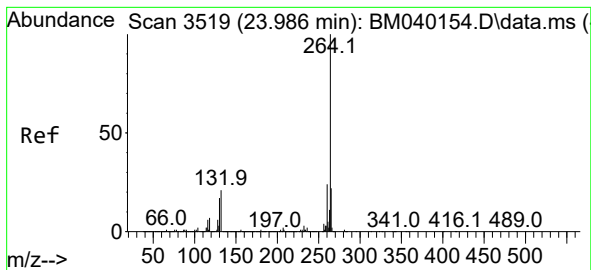
Tgt Ion:240 Resp: 1054288
Ion Ratio Lower Upper
240 100
120 14.0 9.9 14.9
236 26.6 21.1 31.7



#79
Terphenyl-d14
Concen: 111.321 ng
RT: 19.986 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BM040172.D
Acq: 09 Jun 2023 00:33

Tgt Ion:244 Resp: 6366700
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.7 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.980 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM040172.D
 Acq: 09 Jun 2023 00:33

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 1253896
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.7 17.7 26.5

