

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040189.D
 Acq On : 09 Jun 2023 13:39
 Operator : MA/JU
 Sample : 03039-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-34

Quant Time: Jun 09 17:10:43 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	409513	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1784039	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	1064509	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2252105	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1758734	20.000	ng	0.00
86) Perylene-d12	23.980	264	1639005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	944722	34.446	ng	0.00
7) Phenol-d6	7.140	99	746677	19.952	ng	0.00
23) Nitrobenzene-d5	9.157	82	2299838	69.774	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1131395	70.641	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	6045070	75.057	ng	0.00
79) Terphenyl-d14	19.986	244	10039132	105.224	ng	0.00

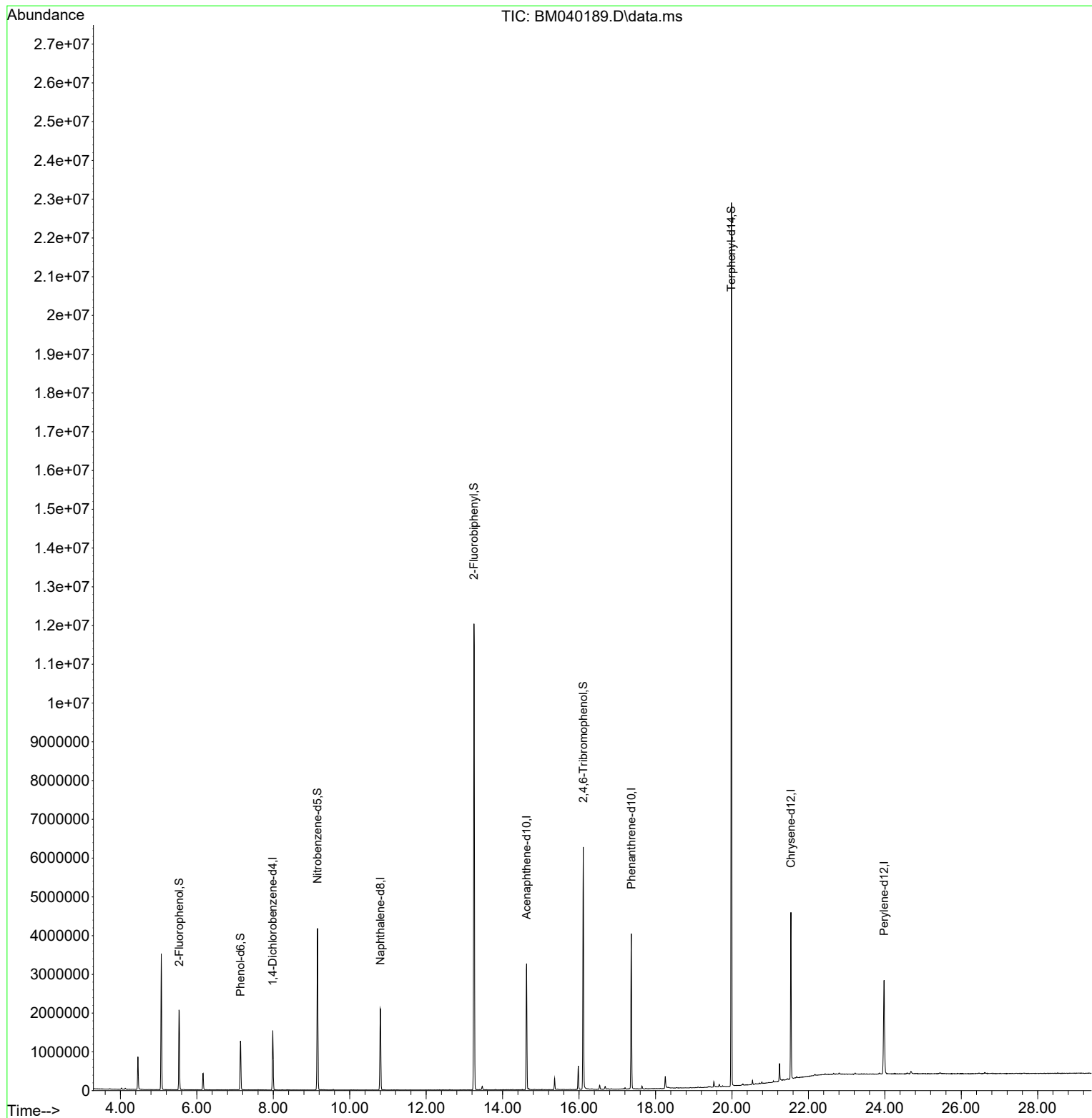
Target Compounds	Qvalue

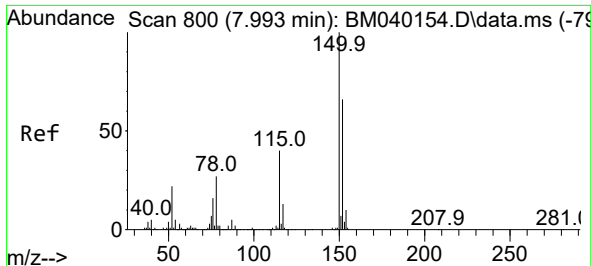
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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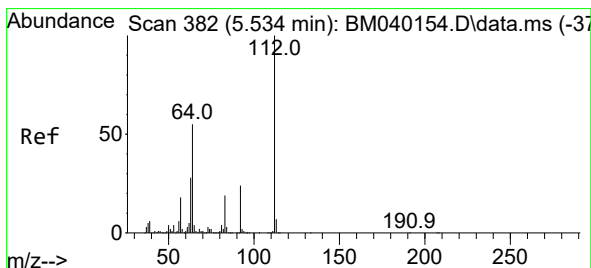
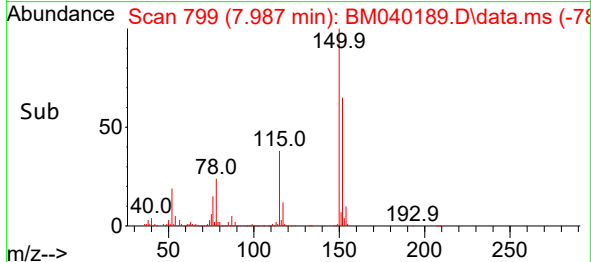
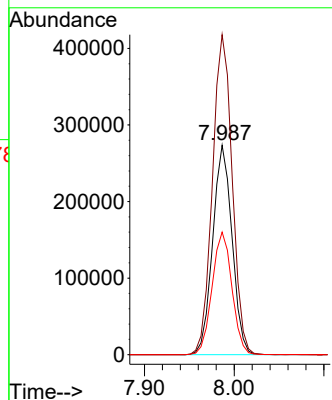
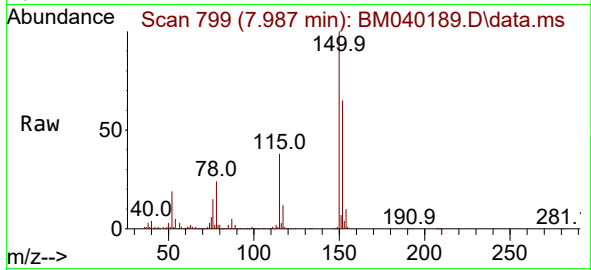




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

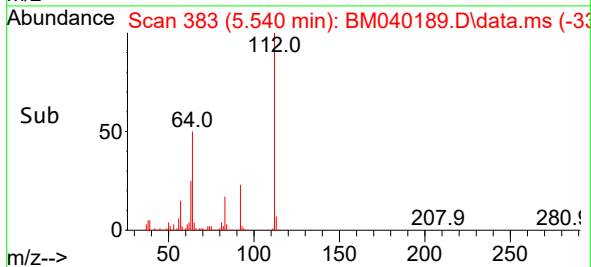
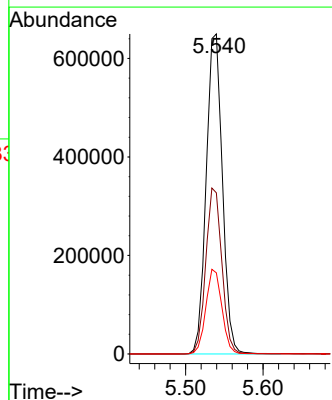
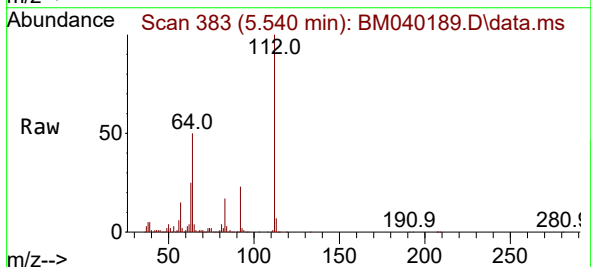
Instrument :
BNA_M
ClientSampleId :
MW-34

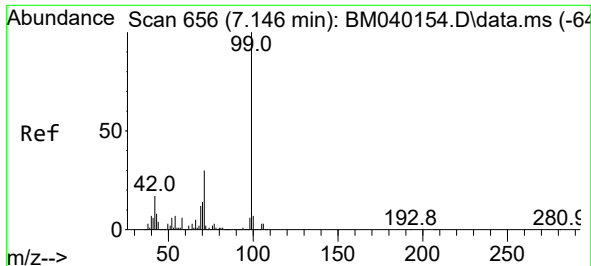
Tgt Ion:152 Resp: 409513
Ion Ratio Lower Upper
152 100
150 152.8 121.4 182.0
115 58.5 48.2 72.4



#5
2-Fluorophenol
Concen: 34.446 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

Tgt Ion:112 Resp: 944722
Ion Ratio Lower Upper
112 100
64 50.4 43.8 65.6
63 25.4 22.8 34.2

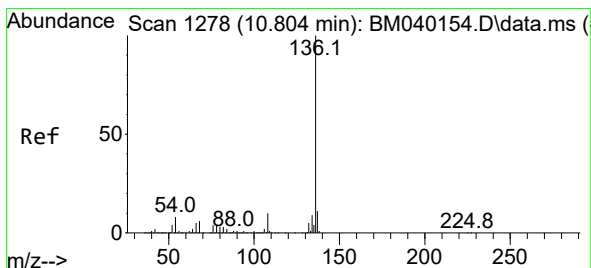
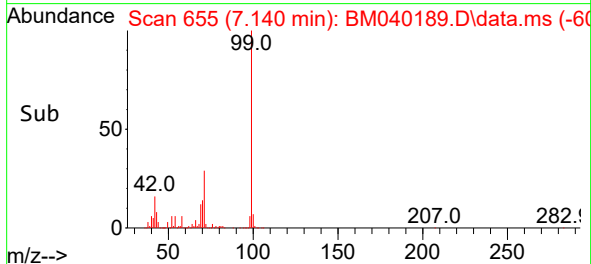
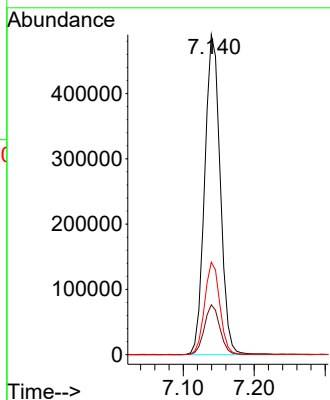
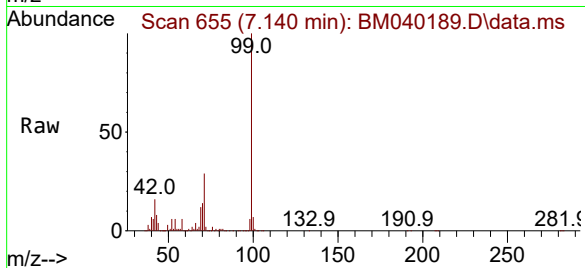




#7
Phenol-d6
Concen: 19.952 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

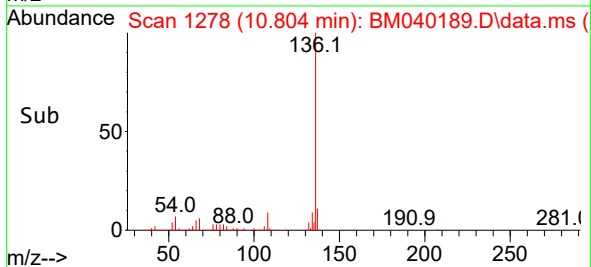
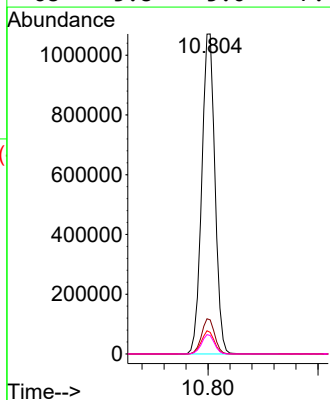
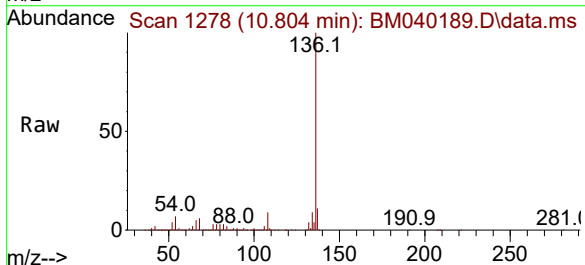
Instrument :
BNA_M
ClientSampleId :
MW-34

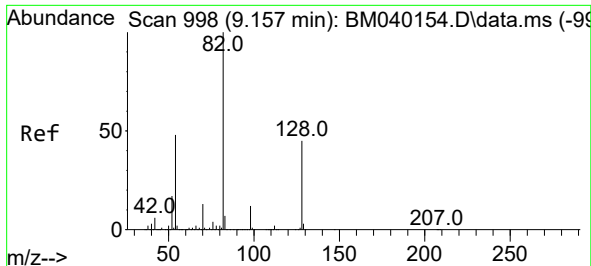
Tgt Ion: 99 Resp: 746677
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 28.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

Tgt Ion: 136 Resp: 1784039
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 6.2 9.4
68 5.8 5.0 7.4

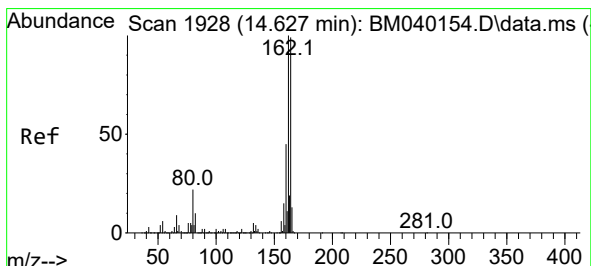
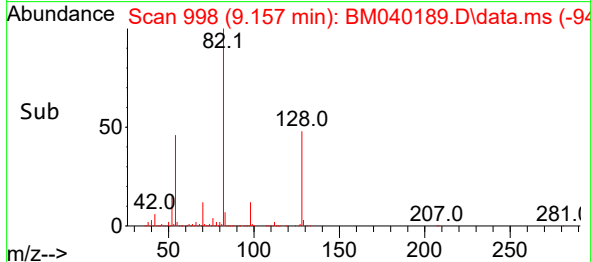
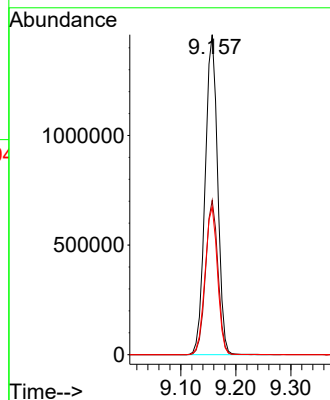
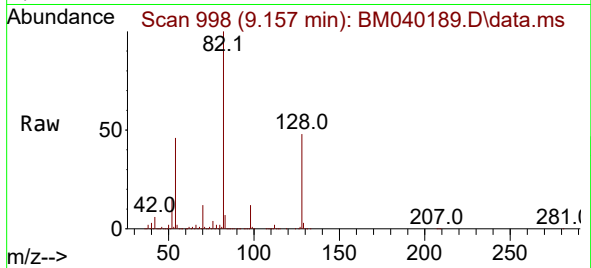




#23
Nitrobenzene-d5
Concen: 69.774 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

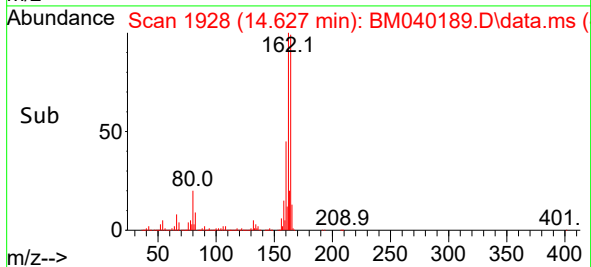
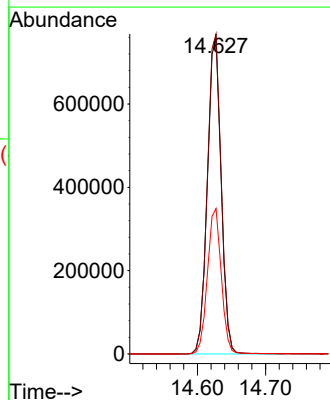
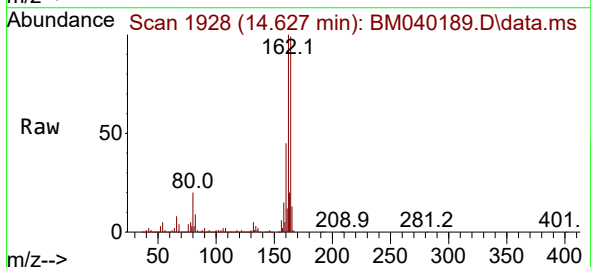
Instrument :
BNA_M
ClientSampleId :
MW-34

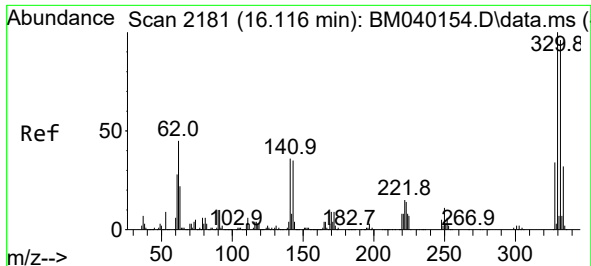
Tgt Ion: 82 Resp: 2299838
Ion Ratio Lower Upper
82 100
128 48.2 36.0 54.0
54 46.1 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

Tgt Ion:164 Resp: 1064509
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 46.0 35.9 53.9

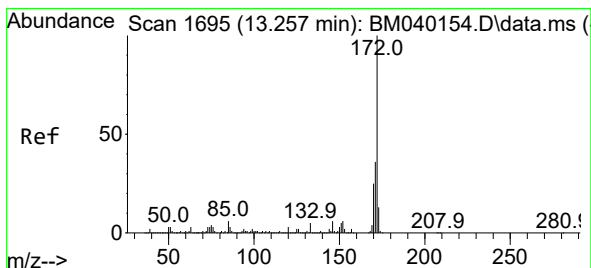
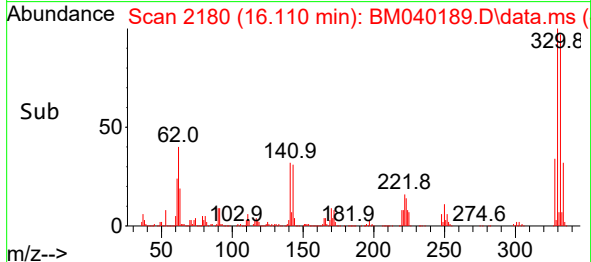
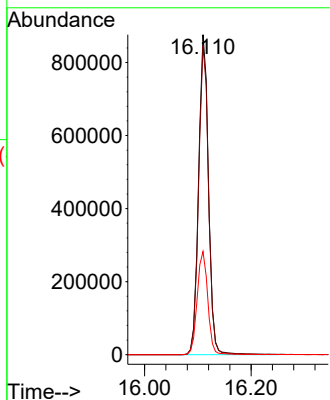
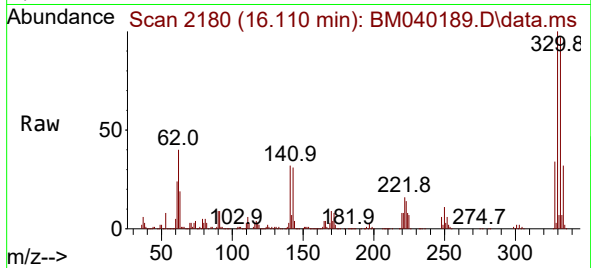




#42
2,4,6-Tribromophenol
Concen: 70.641 ng
RT: 16.110 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

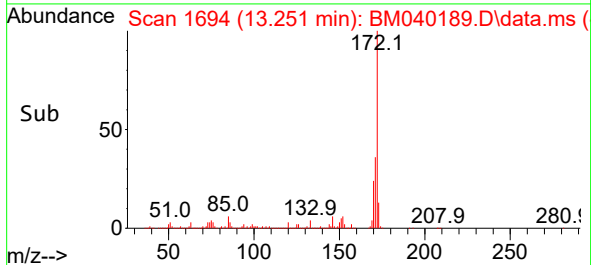
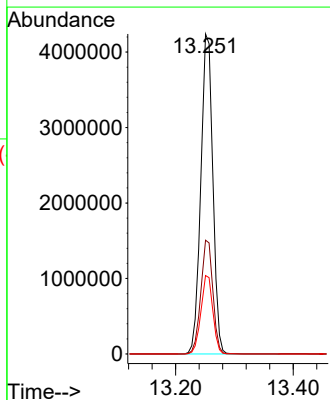
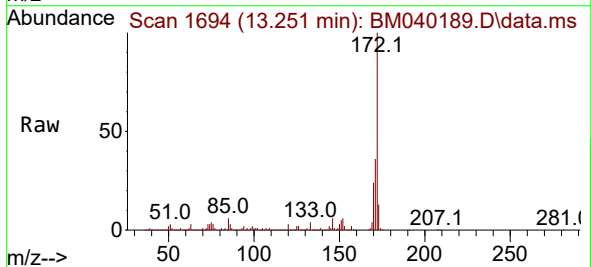
Instrument :
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ClientSampleId :
MW-34

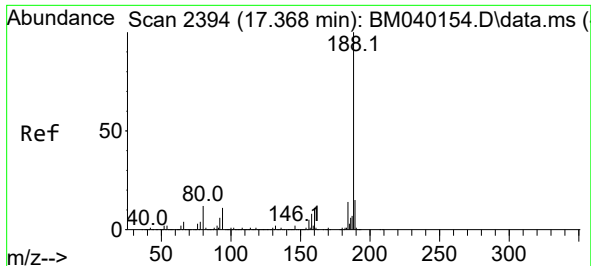
Tgt Ion:330 Resp: 1131395
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 34.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 75.057 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

Tgt Ion:172 Resp: 6045070
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.5 19.8 29.6

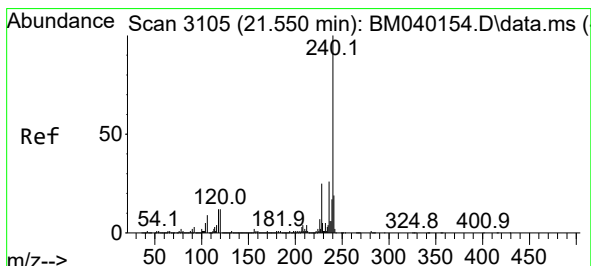
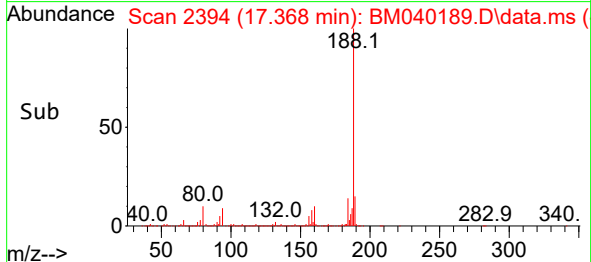
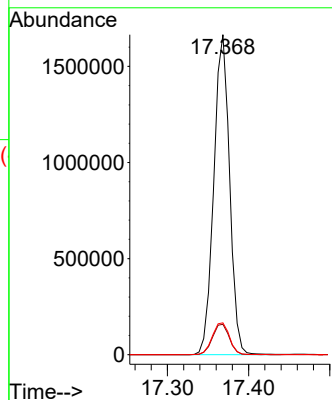
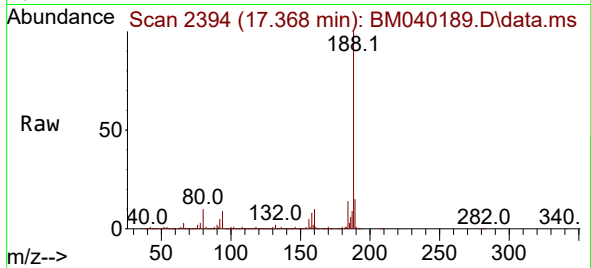




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

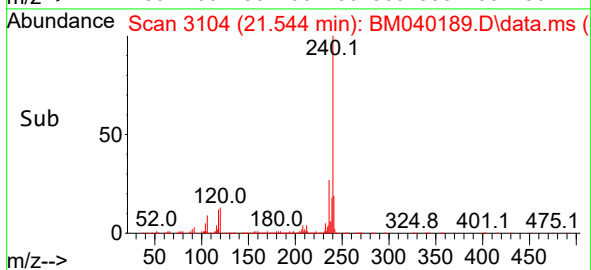
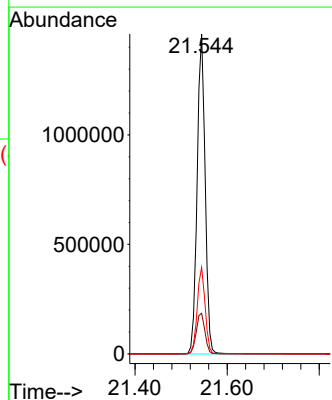
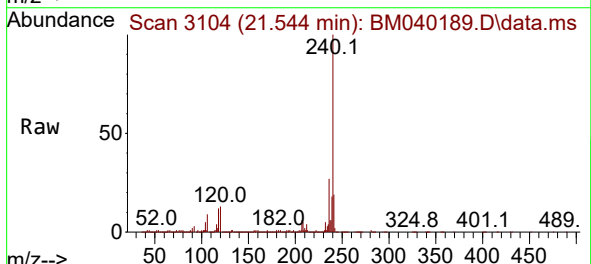
Instrument :
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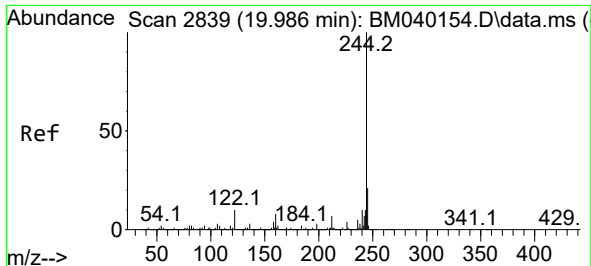
Tgt Ion:188 Resp: 2252105
Ion Ratio Lower Upper
188 100
94 9.5 8.9 13.3
80 10.0 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040189.D
Acq: 09 Jun 2023 13:39

Tgt Ion:240 Resp: 1758734
Ion Ratio Lower Upper
240 100
120 12.7 9.9 14.9
236 27.1 21.1 31.7

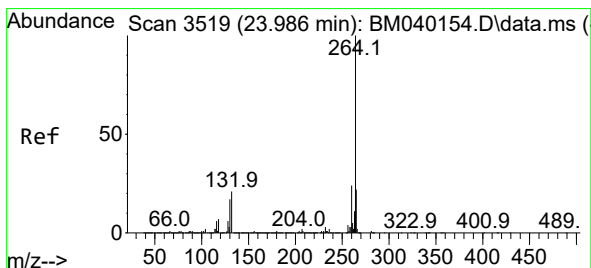
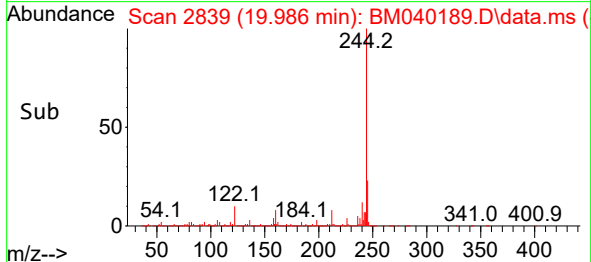
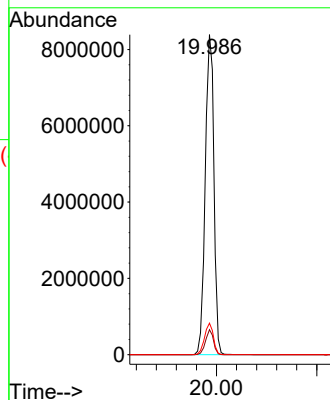
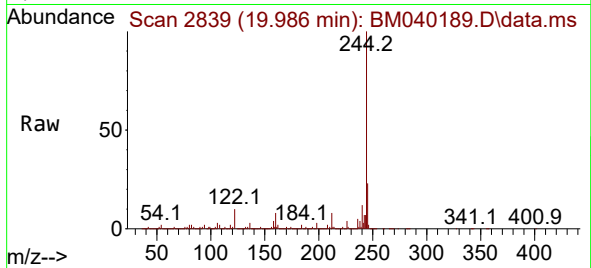




#79
 Terphenyl-d14
 Concen: 105.224 ng
 RT: 19.986 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040189.D
 Acq: 09 Jun 2023 13:39

Instrument :
 BNA_M
 ClientSampleId :
 MW-34

Tgt Ion:244 Resp:10039132
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.980 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM040189.D
 Acq: 09 Jun 2023 13:39

Tgt Ion:264 Resp: 1639005
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.9 17.7 26.5

