

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040159.D
 Acq On : 08 Jun 2023 15:28
 Operator : MA/JU
 Sample : PB153297BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153297BL

Quant Time: Jun 09 02:21:48 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	7.992	152	375094	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1518735	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	838379	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1729105	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1307043	20.000	ng	0.00
86) Perylene-d12	23.985	264	1433203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	3294241	131.136	ng	0.00
7) Phenol-d6	7.151	99	4042879	117.943	ng	0.00
23) Nitrobenzene-d5	9.157	82	2172435	77.423	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1548504	122.762	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	5362690	84.543	ng	0.00
79) Terphenyl-d14	19.986	244	8712464	122.877	ng	0.00

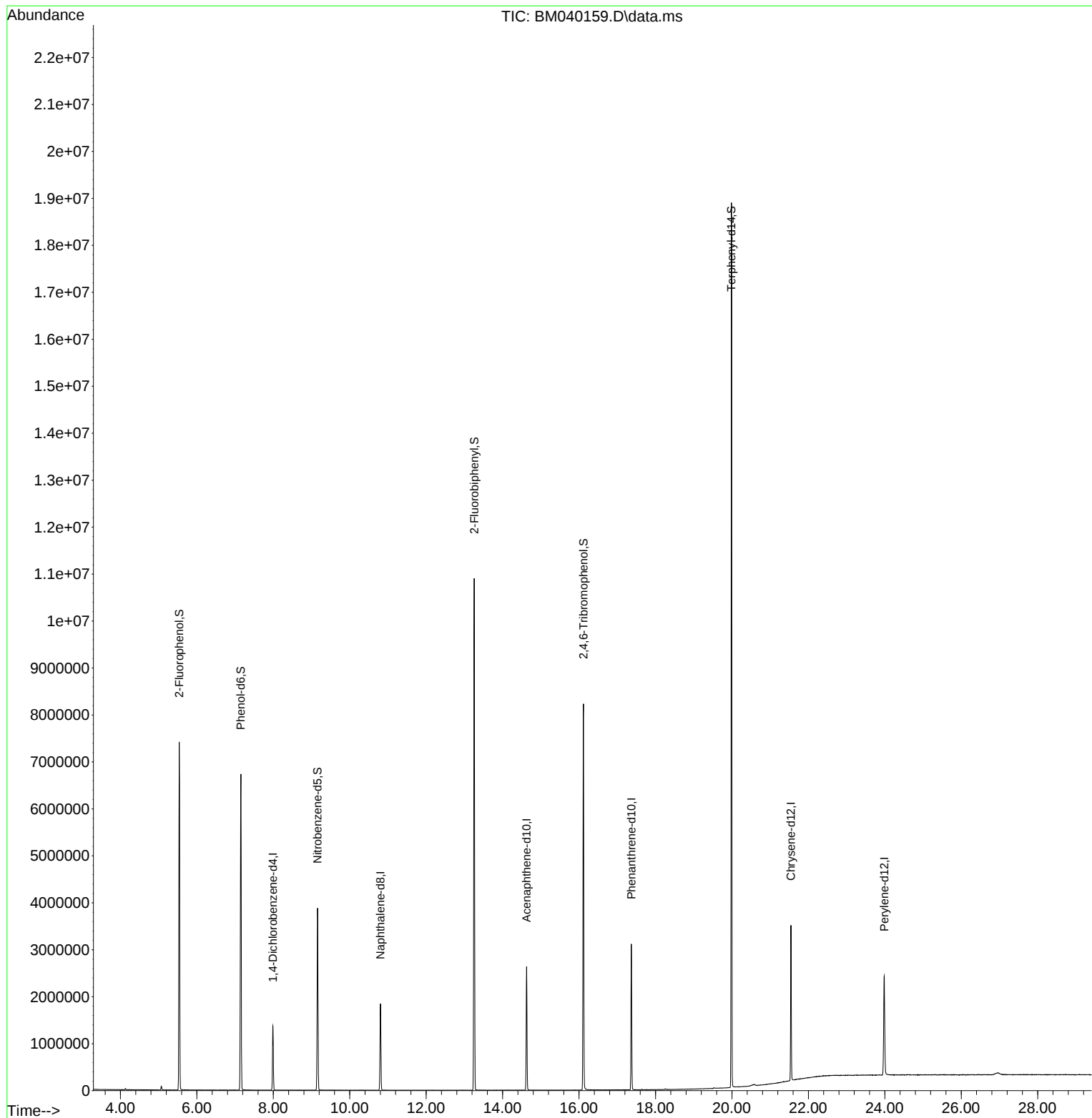
Target Compounds	Qvalue

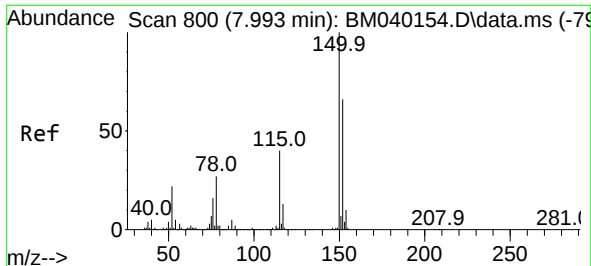
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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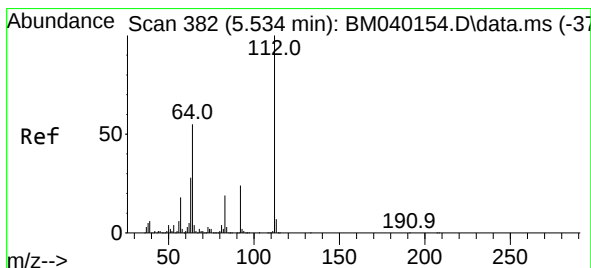
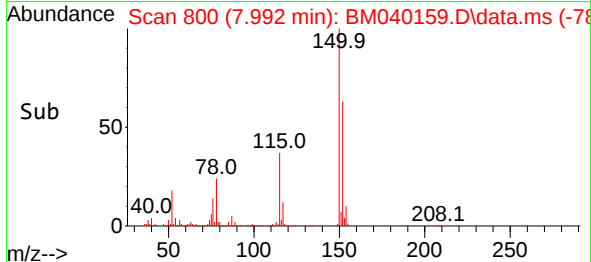
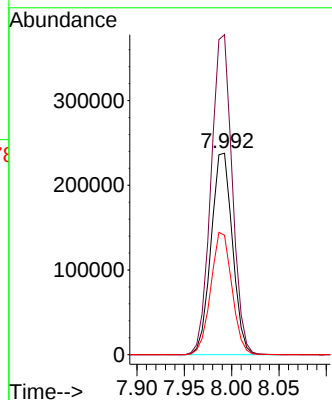
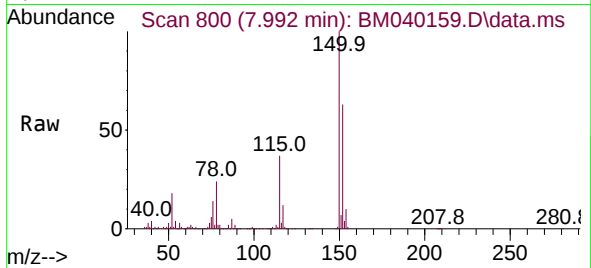




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 800
Delta R.T. -0.001 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

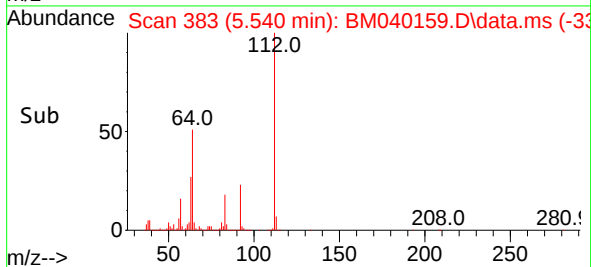
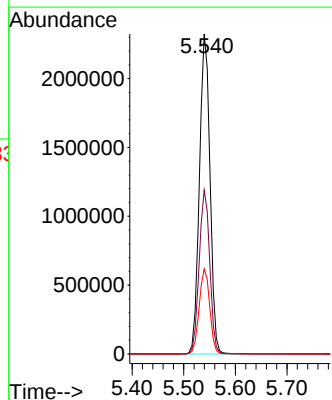
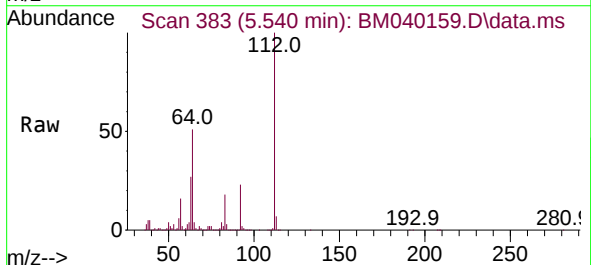
Instrument :
BNA_M
ClientSampleId :
PB153297BL

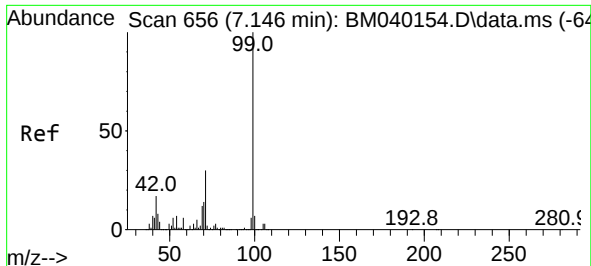
Tgt Ion:152 Resp: 375094
Ion Ratio Lower Upper
152 100
150 158.8 121.4 182.0
115 59.3 48.2 72.4



#5
2-Fluorophenol
Concen: 131.136 ng
RT: 5.540 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

Tgt Ion:112 Resp: 3294241
Ion Ratio Lower Upper
112 100
64 51.3 43.8 65.6
63 26.6 22.8 34.2

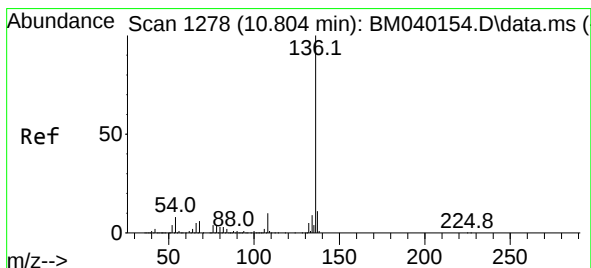
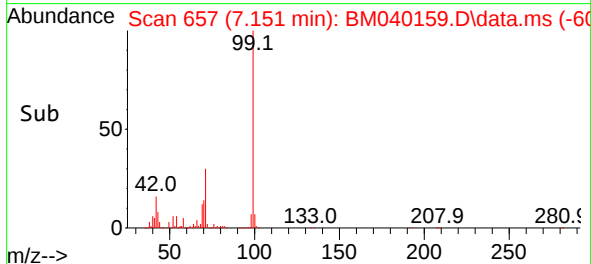
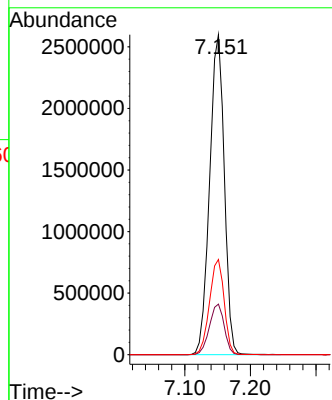
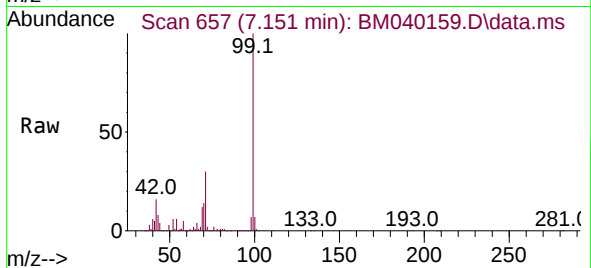




#7
Phenol-d6
Concen: 117.943 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

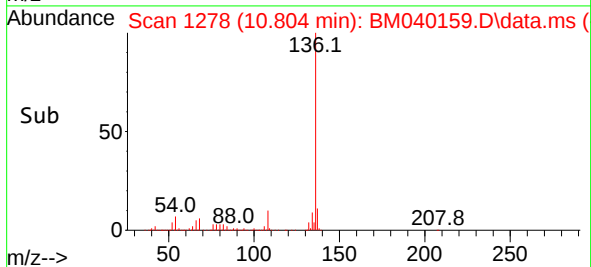
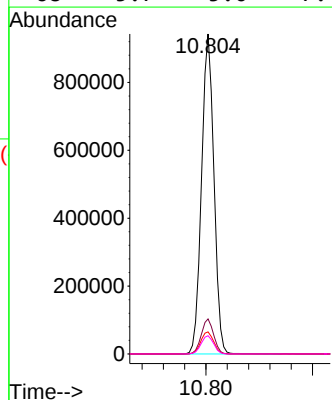
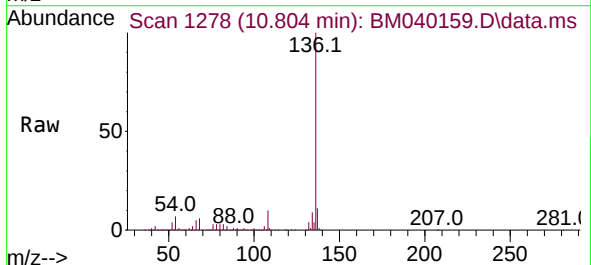
Instrument :
BNA_M
ClientSampleId :
PB153297BL

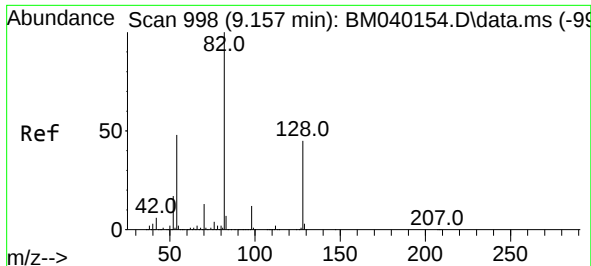
Tgt Ion: 99 Resp: 4042879
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 29.7 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

Tgt Ion: 136 Resp: 1518735
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 6.2 9.4
68 5.7 5.0 7.4

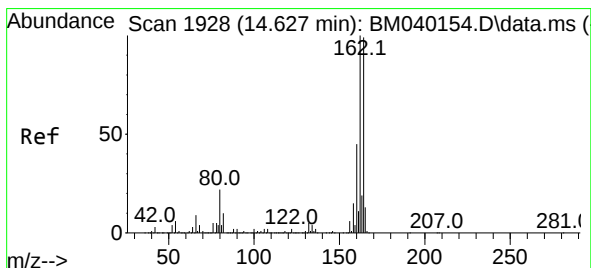
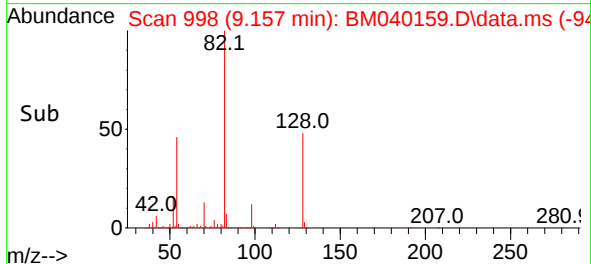
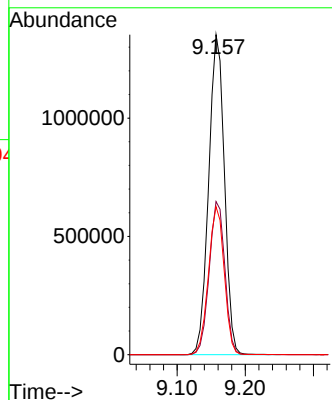
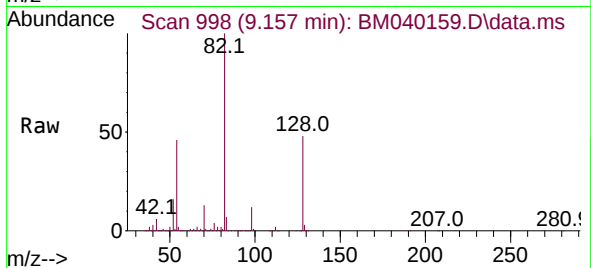




#23
Nitrobenzene-d5
Concen: 77.423 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

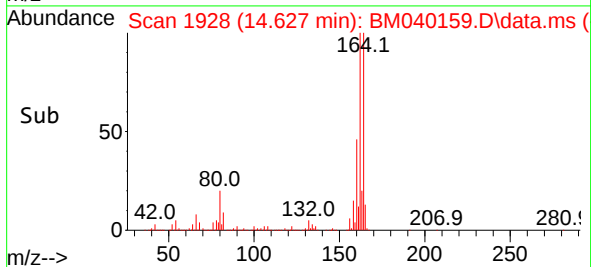
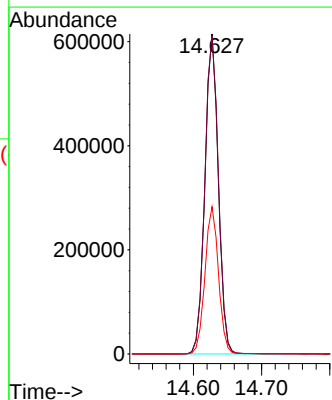
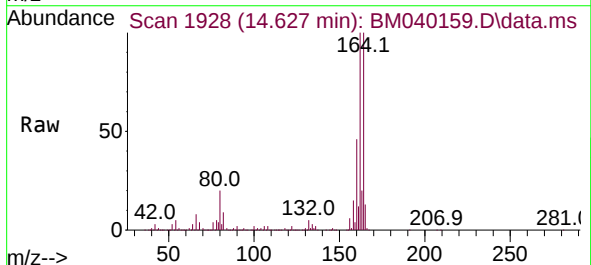
Instrument :
BNA_M
ClientSampleId :
PB153297BL

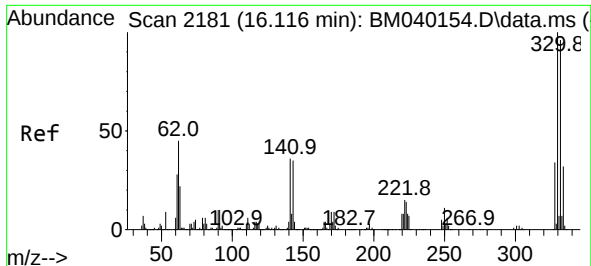
Tgt Ion: 82 Resp: 2172435
Ion Ratio Lower Upper
82 100
128 47.8 36.0 54.0
54 46.3 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

Tgt Ion:164 Resp: 838379
Ion Ratio Lower Upper
164 100
162 99.5 80.4 120.6
160 46.0 35.9 53.9

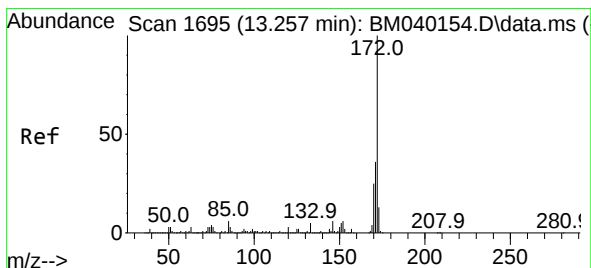
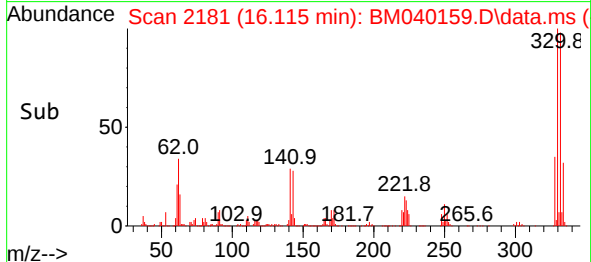
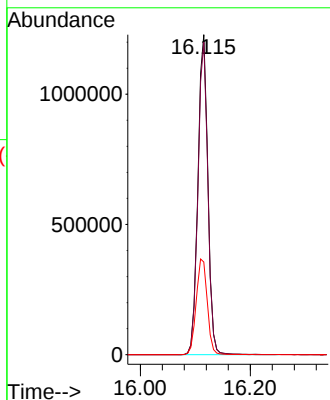
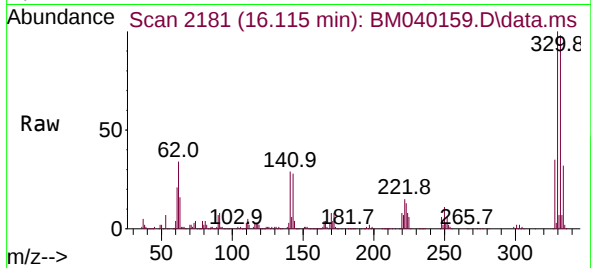




#42
2,4,6-Tribromophenol
Concen: 122.762 ng
RT: 16.115 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

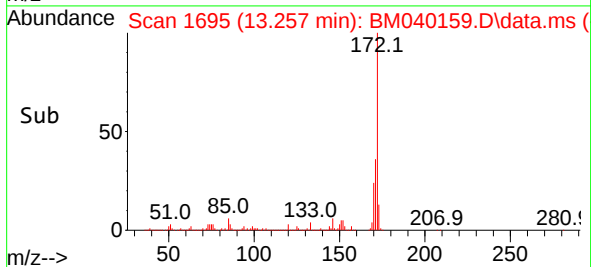
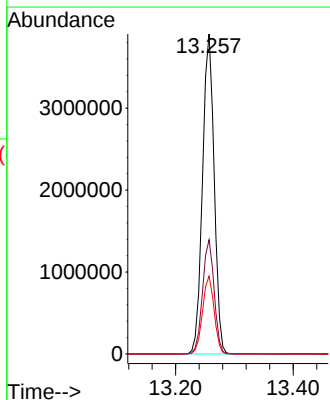
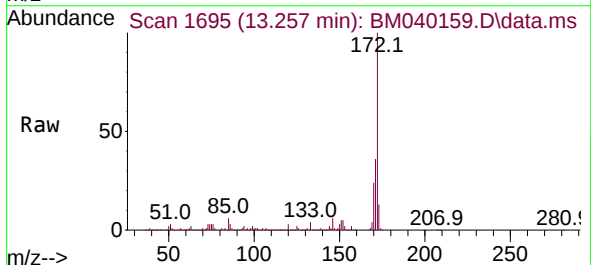
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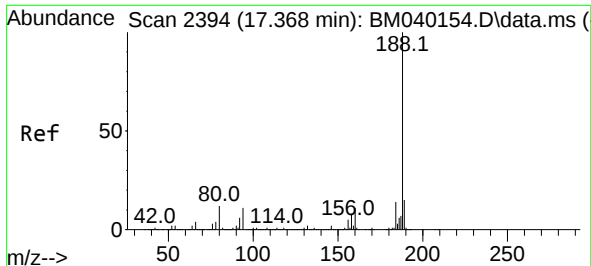
Tgt Ion:330 Resp: 1548504
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 33.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 84.543 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

Tgt Ion:172 Resp: 5362690
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.8 29.6

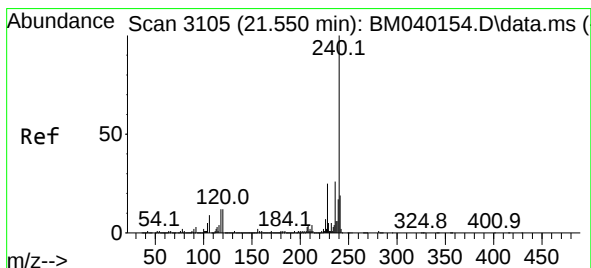
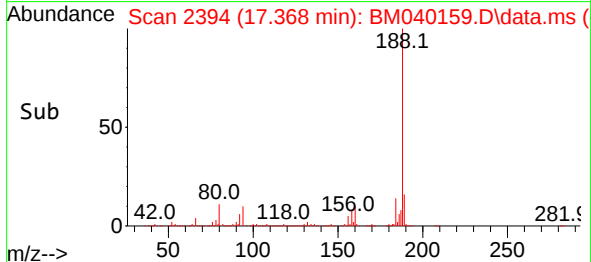
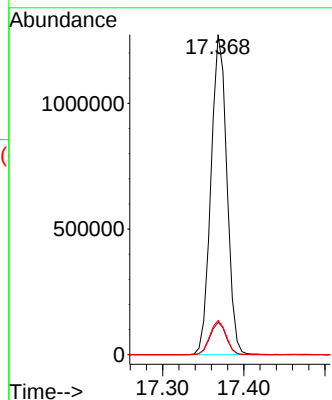
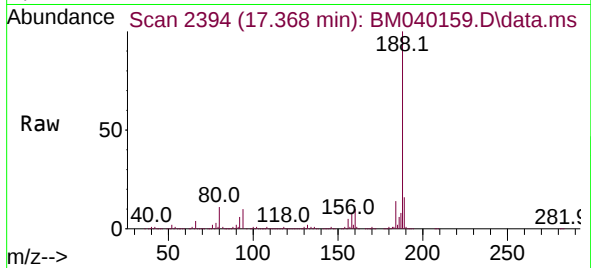




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

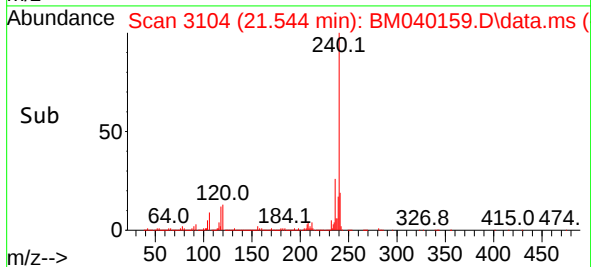
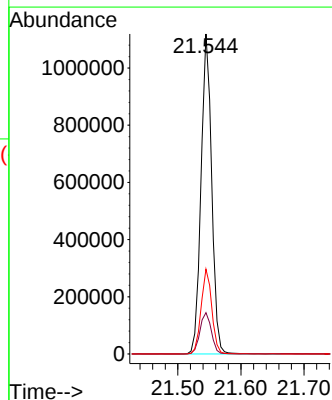
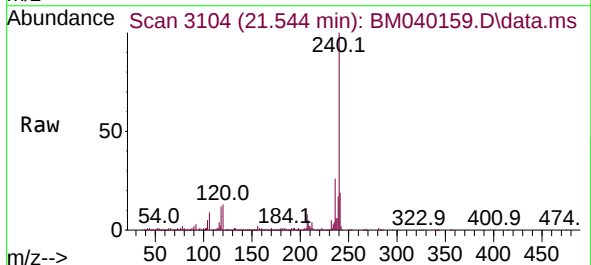
Instrument :
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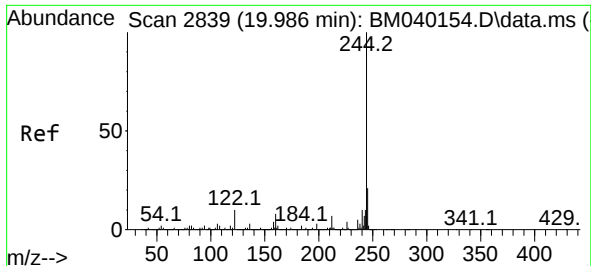
Tgt Ion:188 Resp: 1729105
Ion Ratio Lower Upper
188 100
94 10.2 8.9 13.3
80 10.7 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040159.D
Acq: 08 Jun 2023 15:28

Tgt Ion:240 Resp: 1307043
Ion Ratio Lower Upper
240 100
120 12.9 9.9 14.9
236 26.5 21.1 31.7

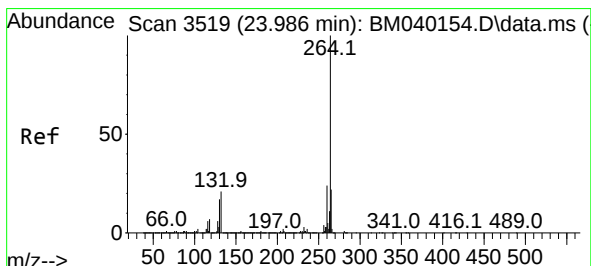
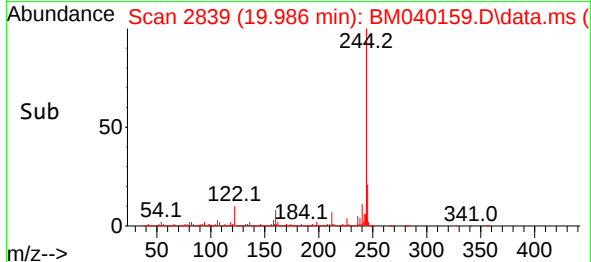
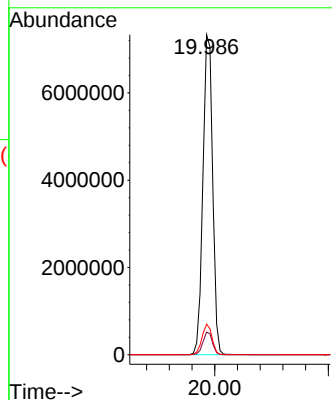
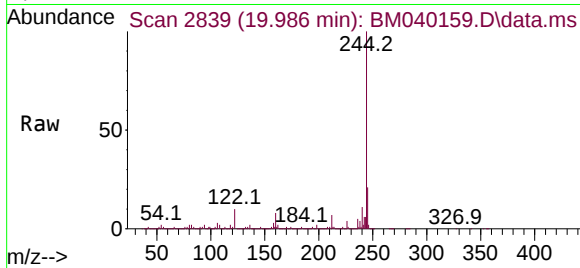




#79
 Terphenyl-d14
 Concen: 122.877 ng
 RT: 19.986 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040159.D
 Acq: 08 Jun 2023 15:28

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 8712464
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.985 min Scan# 3519
 Delta R.T. -0.000 min
 Lab File: BM040159.D
 Acq: 08 Jun 2023 15:28

Tgt Ion:264 Resp: 1433203
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 17.7 26.5

