

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031758.D
 Acq On : 16 Aug 2021 19:38
 Operator : CG/JU
 Sample : M3407-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 25N

Quant Time: Aug 17 03:09:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 16:42:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	33043	20.000	ng	0.00
21) Naphthalene-d8	10.316	136	133103	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	85309	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	192579	20.000	ng	0.00
76) Chrysene-d12	21.139	240	202227	20.000	ng	0.00
86) Perylene-d12	23.292	264	198926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	300558	145.990	ng	0.00
7) Phenol-d6	6.751	99	336828	112.909	ng	0.00
23) Nitrobenzene-d5	8.704	82	301326	94.790	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	155208	147.720	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	607782	94.828	ng	0.00
79) Terphenyl-d14	19.592	244	1241033	103.397	ng	0.00

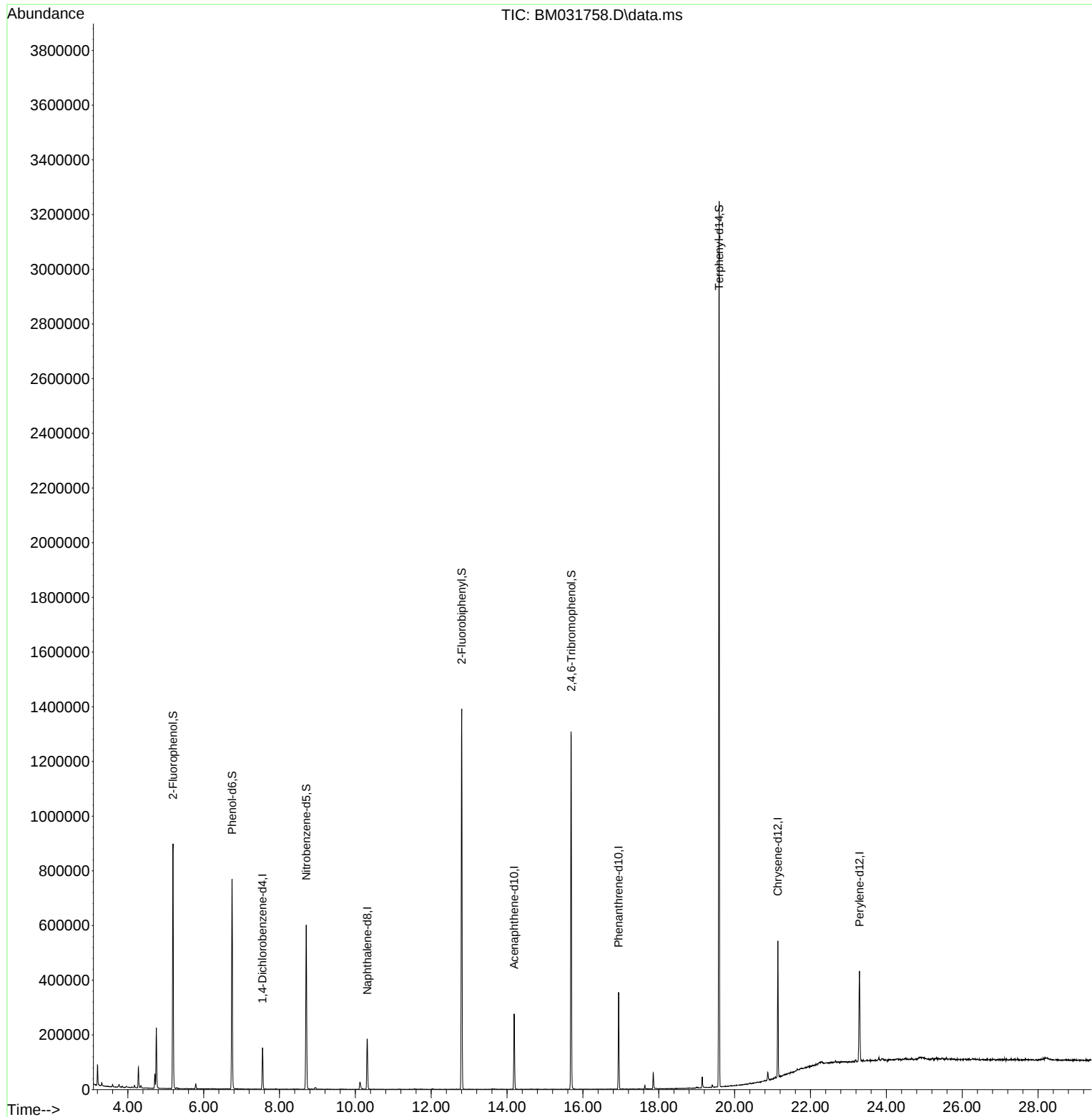
Target Compounds	Qvalue

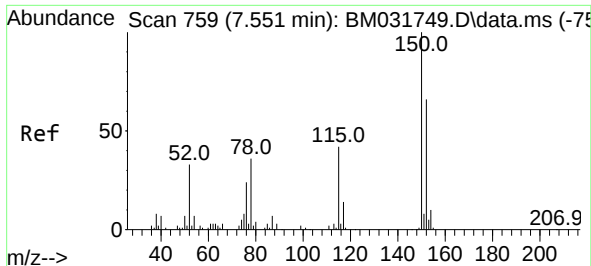
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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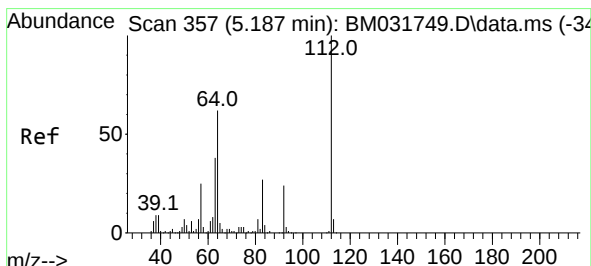
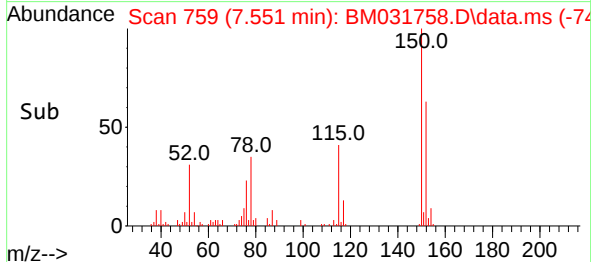
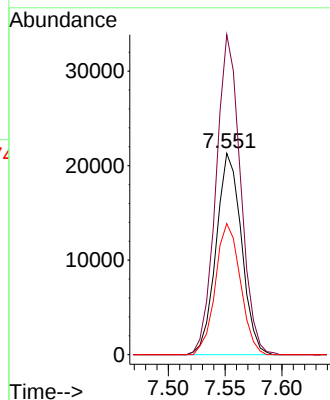
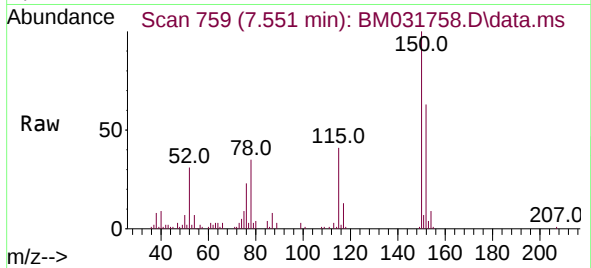




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

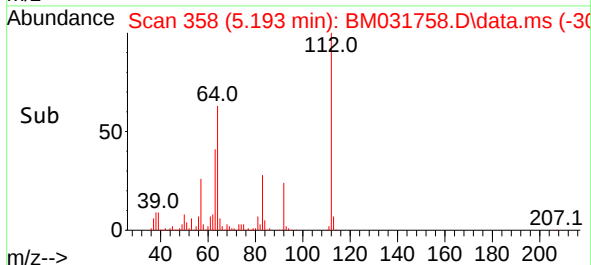
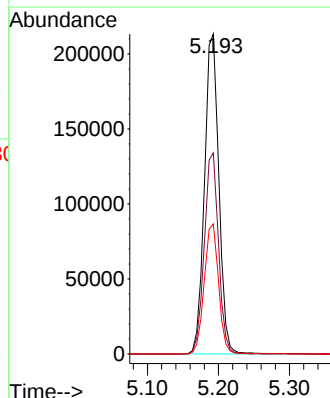
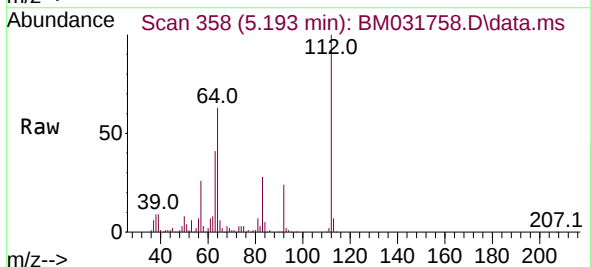
Instrument :
BNA_M
ClientSampleId :
25N

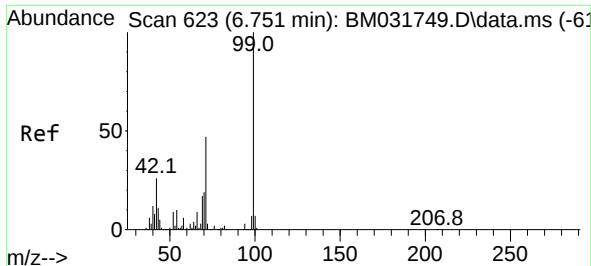
Tgt Ion:152 Resp: 33043
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 65.0 44.6 67.0



#5
2-Fluorophenol
Concen: 145.990 ng
RT: 5.193 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

Tgt Ion:112 Resp: 300558
Ion Ratio Lower Upper
112 100
64 62.9 47.1 70.7
63 40.6 27.3 40.9

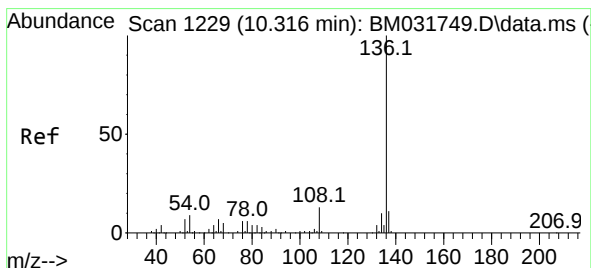
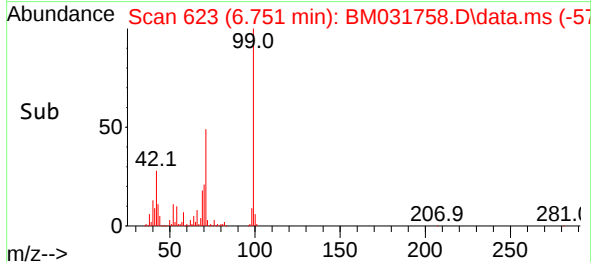
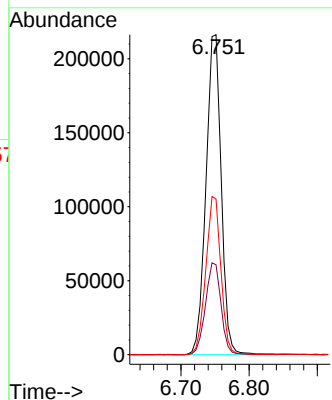
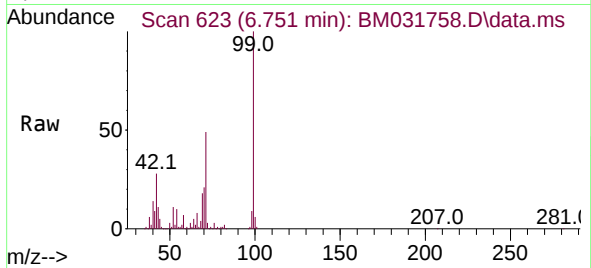




#7
Phenol-d6
Concen: 112.909 ng
RT: 6.751 min Scan# 623
Delta R.T. 0.000 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

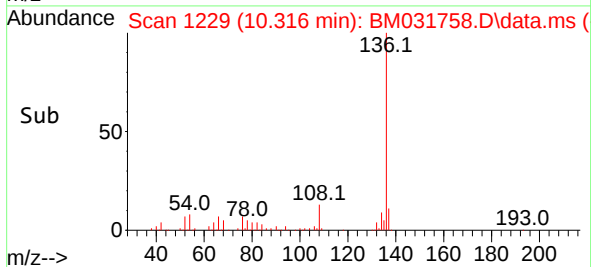
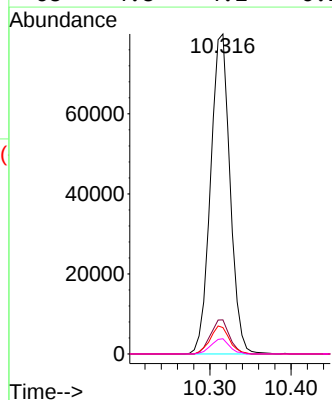
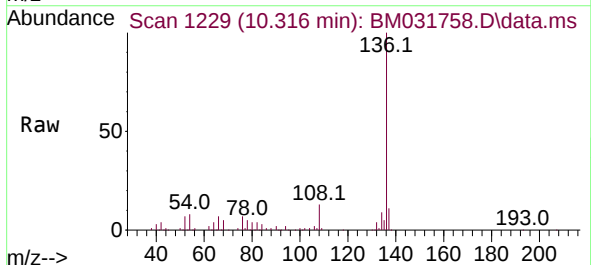
Instrument :
BNA_M
ClientSampled :
25N

Tgt Ion: 99 Resp: 336828
Ion Ratio Lower Upper
99 100
42 28.1 18.0 27.0#
71 48.7 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

Tgt Ion: 136 Resp: 133103
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.3 5.5 8.3
68 4.8 4.2 6.2

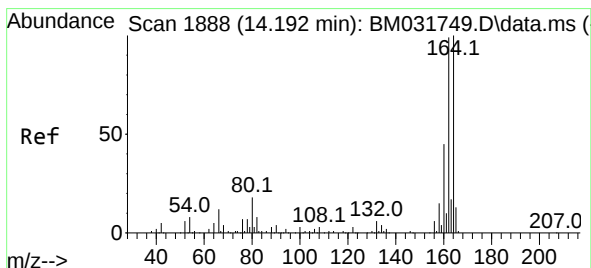
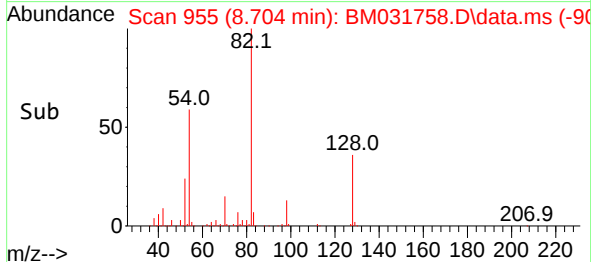
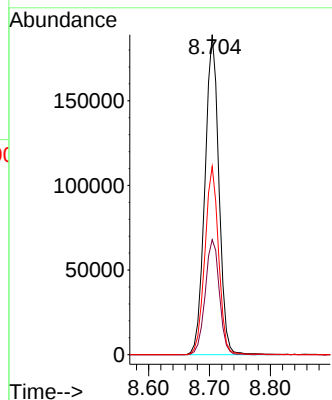
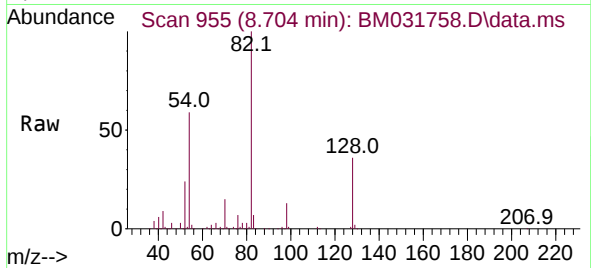




#23
Nitrobenzene-d5
Concen: 94.790 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

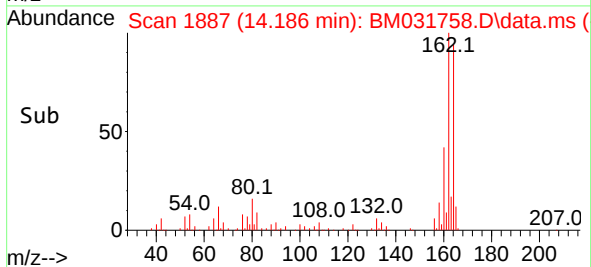
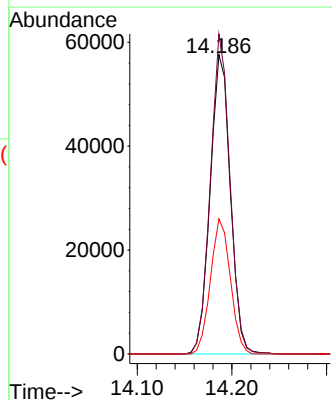
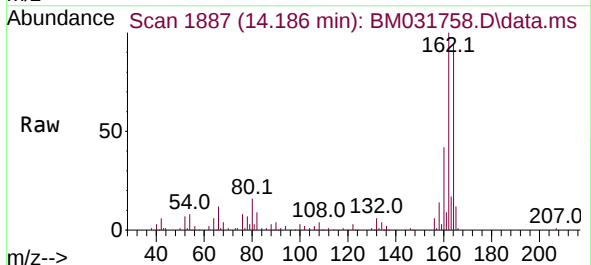
Instrument :
BNA_M
ClientSampled :
25N

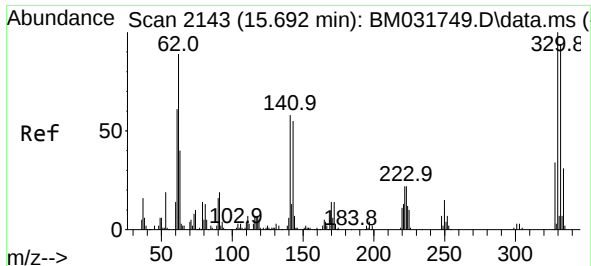
Tgt Ion: 82 Resp: 301326
Ion Ratio Lower Upper
82 100
128 36.0 31.1 46.7
54 58.8 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

Tgt Ion: 164 Resp: 85309
Ion Ratio Lower Upper
164 100
162 106.9 83.4 125.0
160 45.1 37.2 55.8

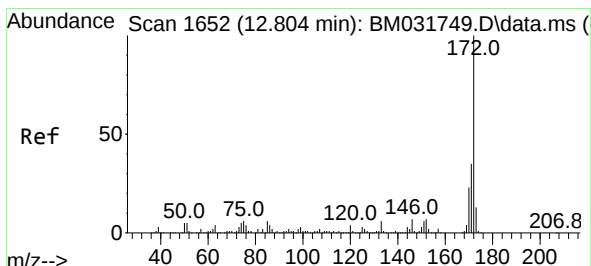
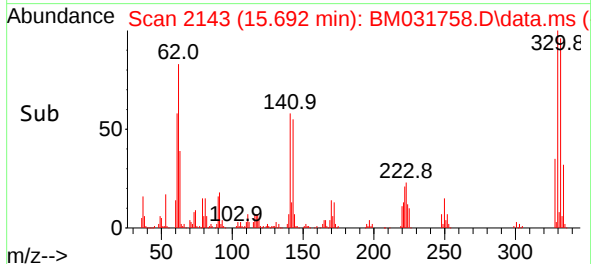
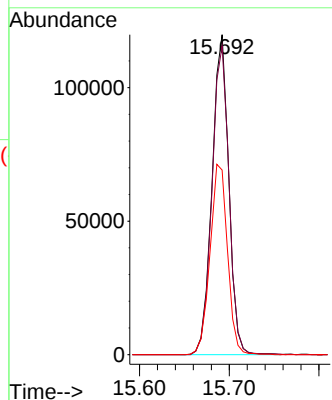
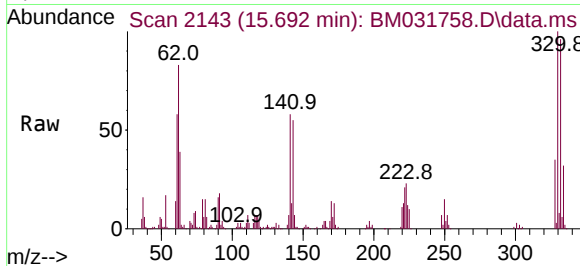




#42
2,4,6-Tribromophenol
Concen: 147.720 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

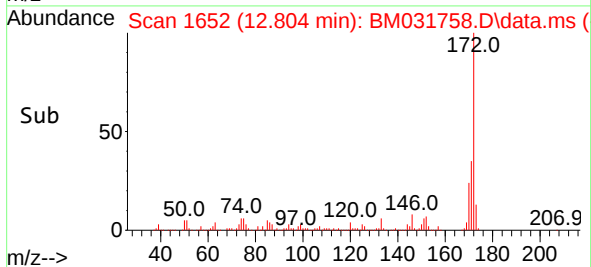
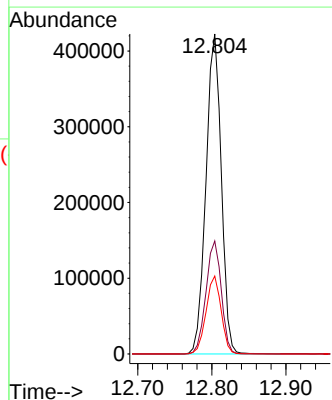
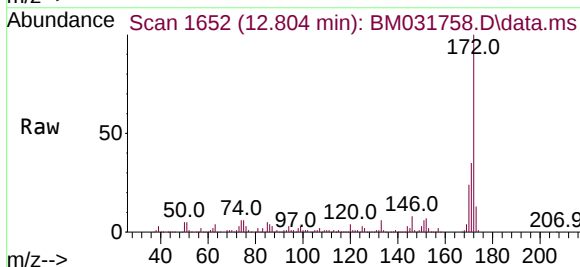
Instrument :
BNA_M
ClientSampled :
25N

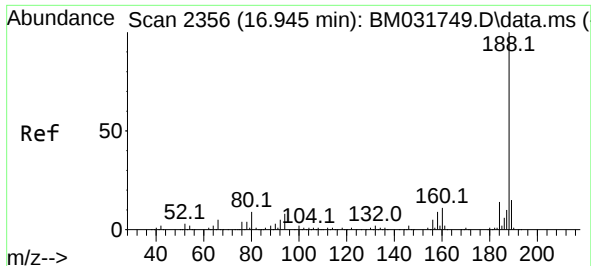
Tgt Ion:330 Resp: 155208
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.4
141 62.2 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 94.828 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

Tgt Ion:172 Resp: 607782
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.3 18.4 27.6

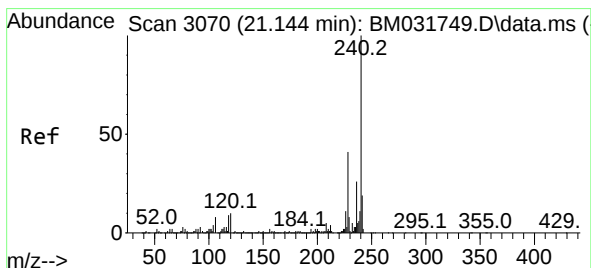
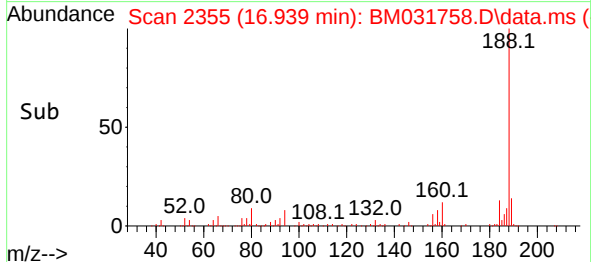
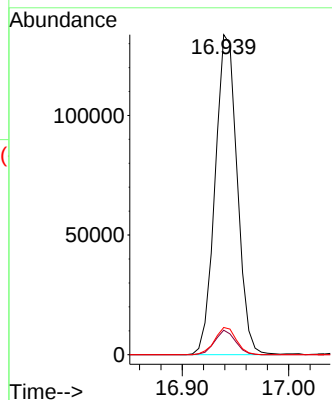
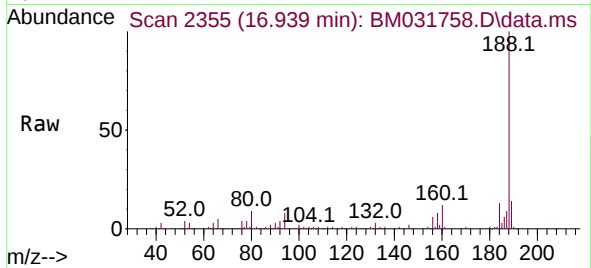




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

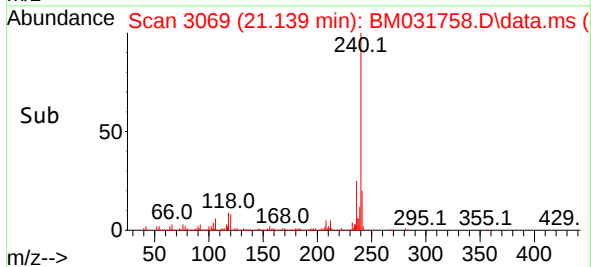
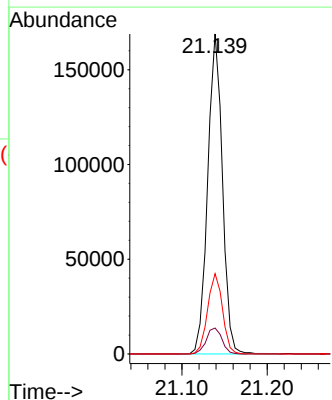
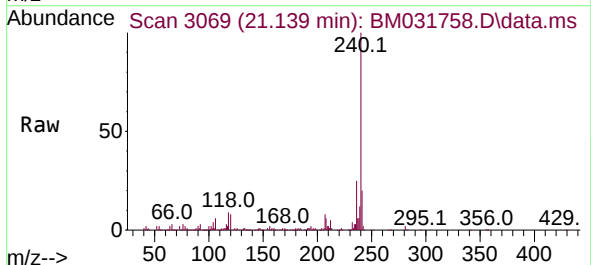
Instrument :
BNA_M
ClientSampled :
25N

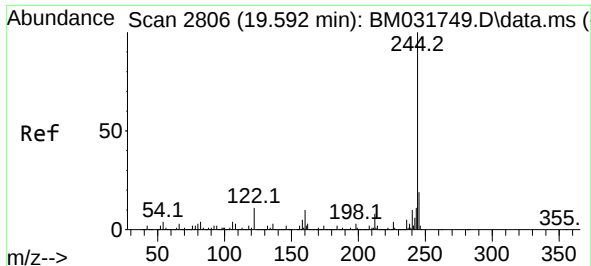
Tgt Ion:188 Resp: 192579
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

Tgt Ion:240 Resp: 202227
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.1 21.0 31.4

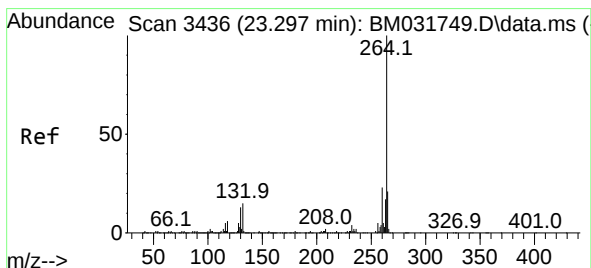
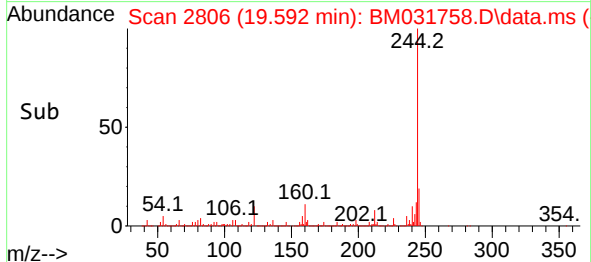
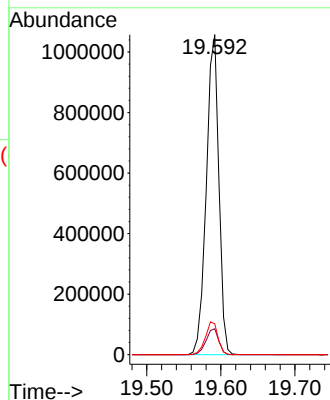
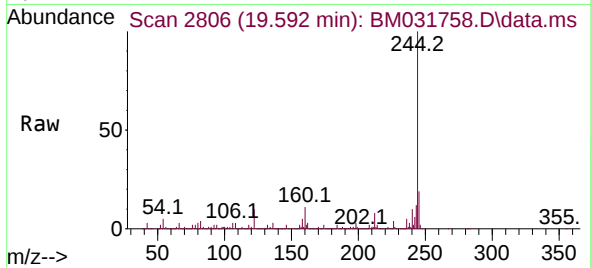




#79
Terphenyl-d14
Concen: 103.397 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

Instrument :
BNA_M
ClientSampled :
25N

Tgt Ion:244 Resp: 1241033
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.6 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.292 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BM031758.D
Acq: 16 Aug 2021 19:38

Tgt Ion:264 Resp: 198926
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.8
265 22.7 17.7 26.5

