

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031765.D
 Acq On : 16 Aug 2021 23:58
 Operator : CG/JU
 Sample : M3407-30
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 29S

Quant Time: Aug 17 03:10:59 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	32495	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	130804	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	84119	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	184337	20.000	ng	0.00
76) Chrysene-d12	21.139	240	194965	20.000	ng	0.00
86) Perylene-d12	23.285	264	194146	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	317516	156.828	ng	0.00
7) Phenol-d6	6.745	99	364950	124.398	ng	0.00
23) Nitrobenzene-d5	8.704	82	319226	102.186	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	160277	154.702	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	630993	99.842	ng	0.00
79) Terphenyl-d14	19.586	244	1266533	109.452	ng	0.00

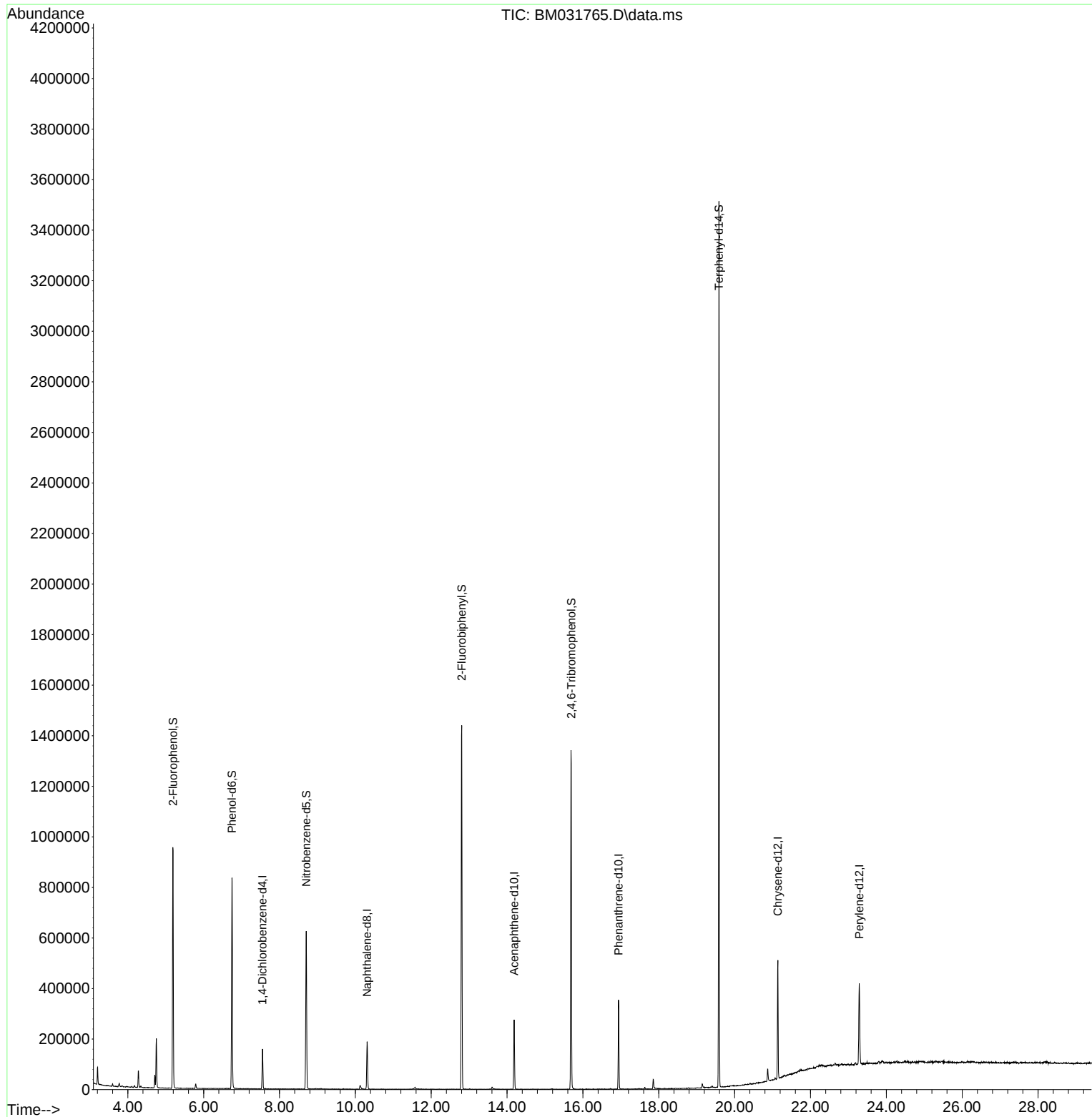
Target Compounds	Qvalue

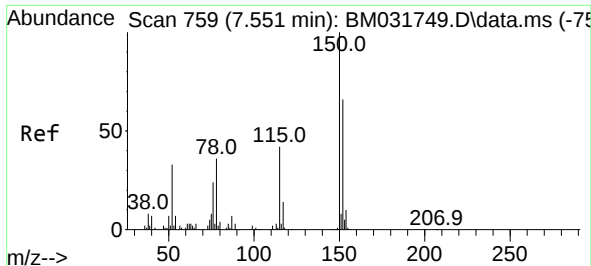
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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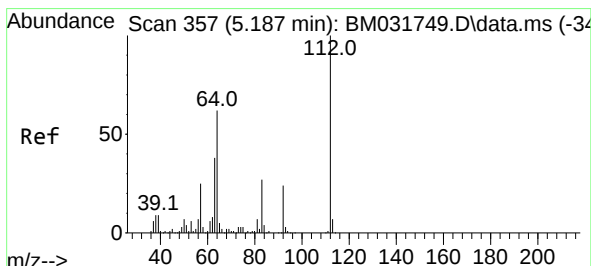
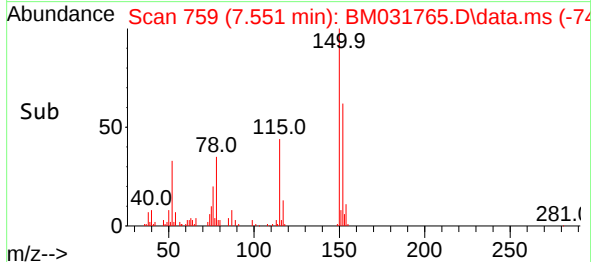
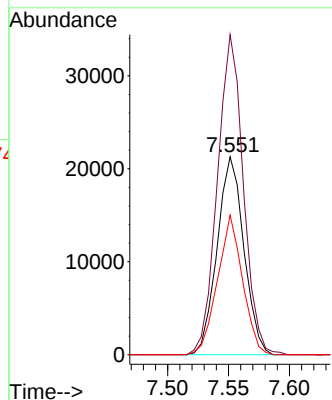
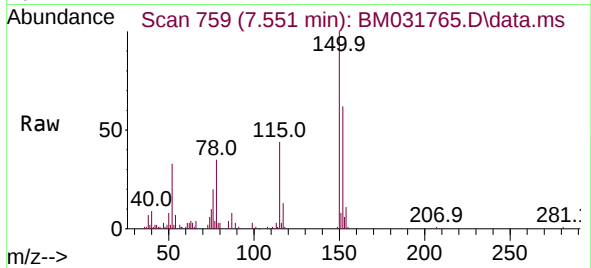




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

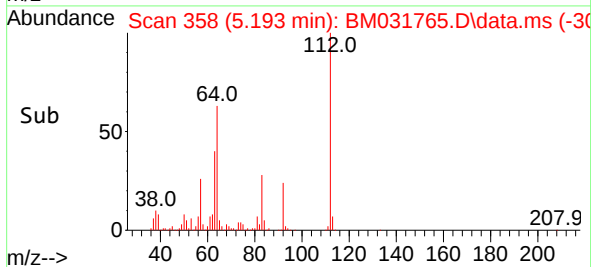
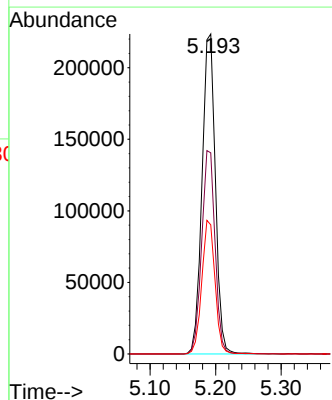
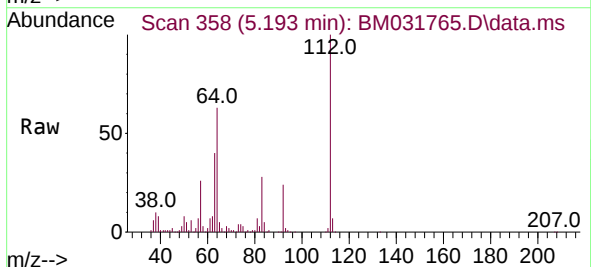
Instrument :
BNA_M
ClientSampleId :
29S

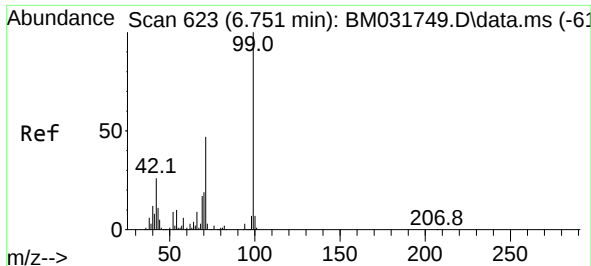
Tgt Ion:152 Resp: 32495
Ion Ratio Lower Upper
152 100
150 161.7 125.9 188.9
115 70.5 44.6 67.0#



#5
2-Fluorophenol
Concen: 156.828 ng
RT: 5.193 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

Tgt Ion:112 Resp: 317516
Ion Ratio Lower Upper
112 100
64 62.9 47.1 70.7
63 40.3 27.3 40.9

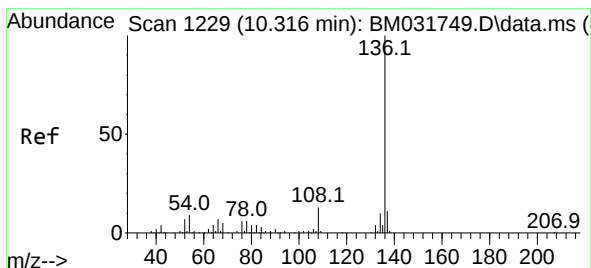
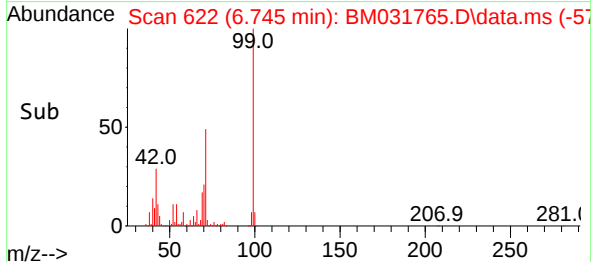
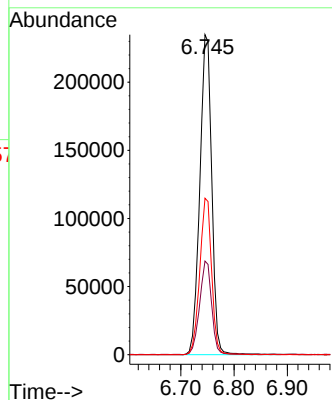
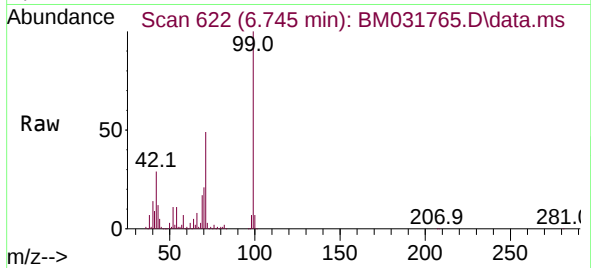




#7
Phenol-d6
Concen: 124.398 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

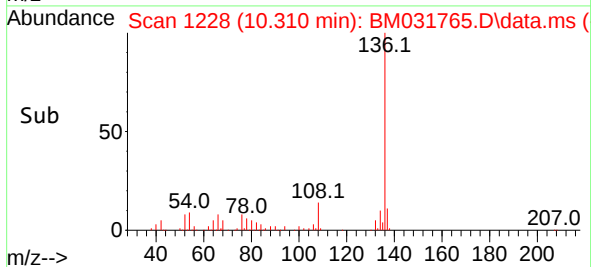
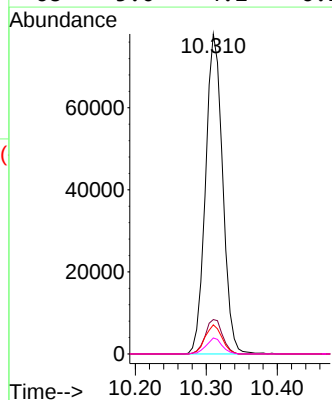
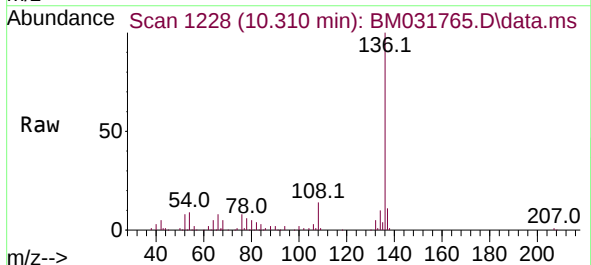
Instrument :
BNA_M
ClientSampleId :
29S

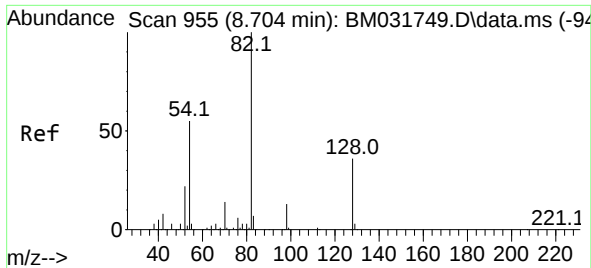
Tgt Ion: 99 Resp: 364950
Ion Ratio Lower Upper
99 100
42 29.2 18.0 27.0#
71 48.9 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

Tgt Ion: 136 Resp: 130804
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.1 5.5 8.3#
68 5.0 4.2 6.2

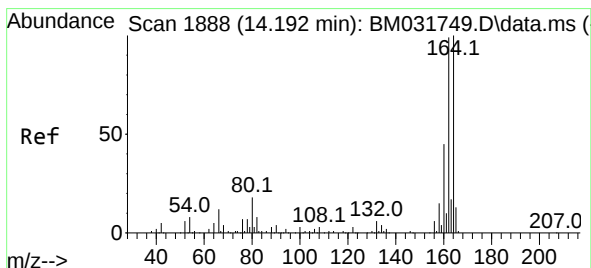
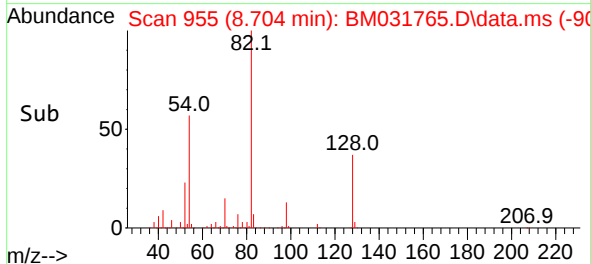
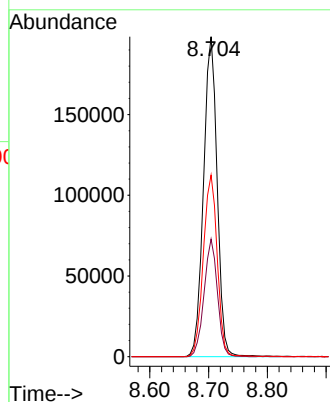
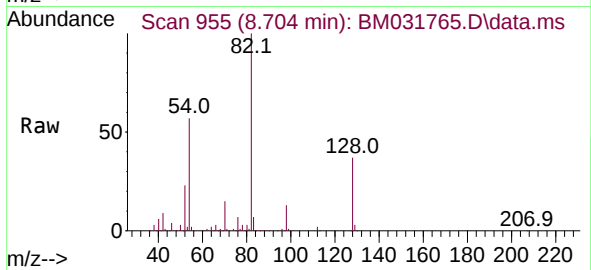




#23
Nitrobenzene-d5
Concen: 102.186 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

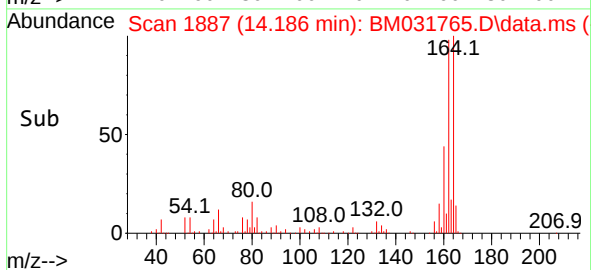
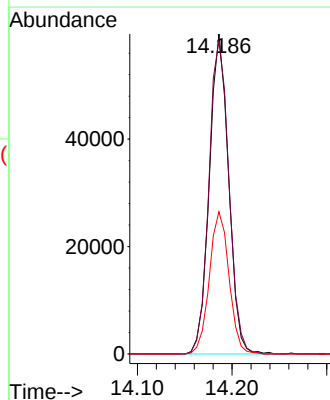
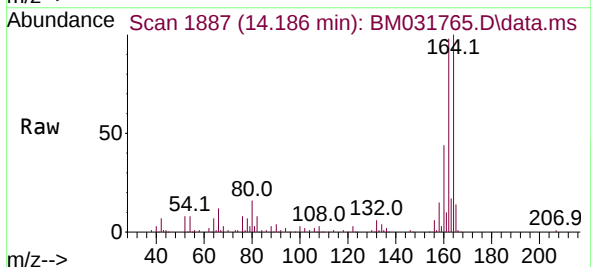
Instrument :
BNA_M
ClientSampled :
29S

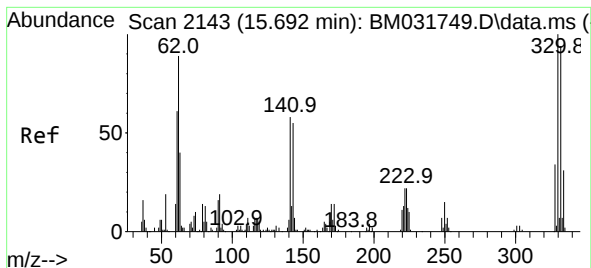
Tgt Ion: 82 Resp: 319226
Ion Ratio Lower Upper
82 100
128 36.7 31.1 46.7
54 56.7 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

Tgt Ion: 164 Resp: 84119
Ion Ratio Lower Upper
164 100
162 97.6 83.4 125.0
160 44.4 37.2 55.8

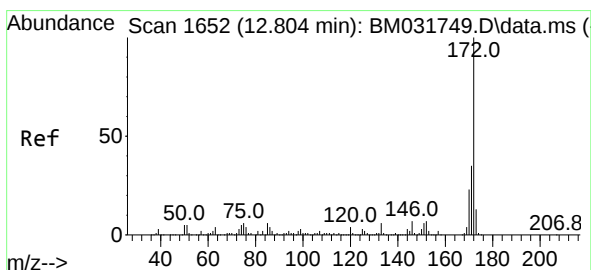
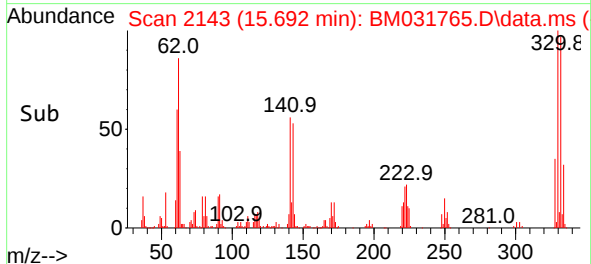
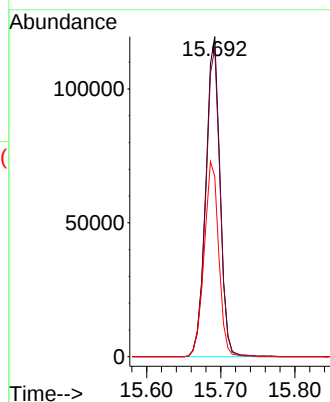
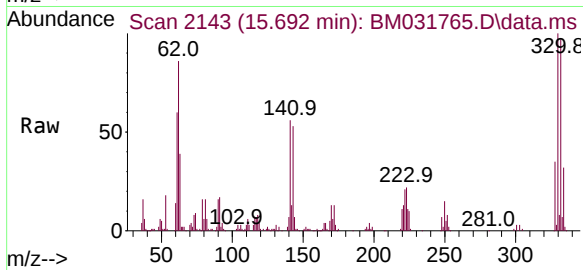




#42
2,4,6-Tribromophenol
Concen: 154.702 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

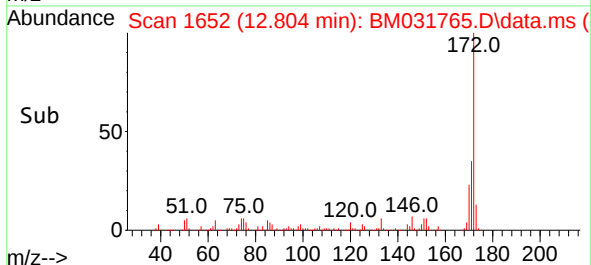
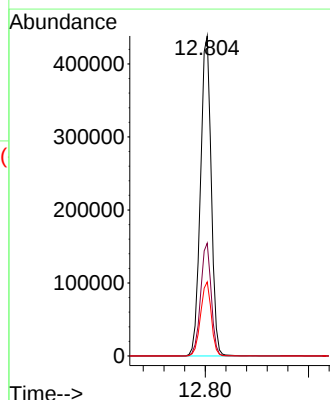
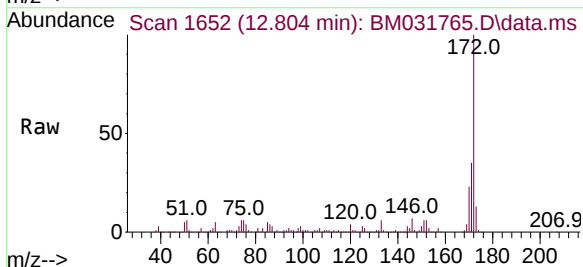
Instrument :
BNA_M
ClientSampleId :
29S

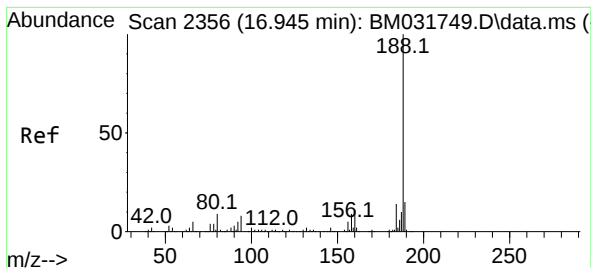
Tgt Ion:330 Resp: 160277
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 62.0 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 99.842 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031765.D
Acq: 16 Aug 2021 23:58

Tgt Ion:172 Resp: 630993
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.2 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: BM031765.D

Acq: 16 Aug 2021 23:58

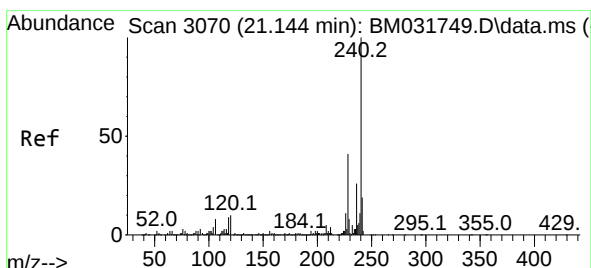
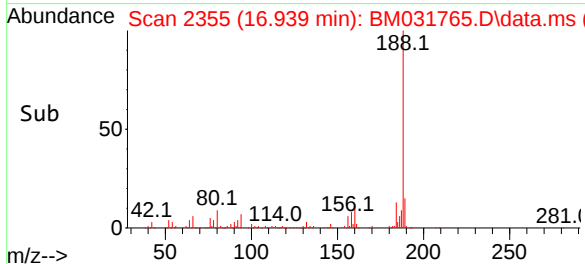
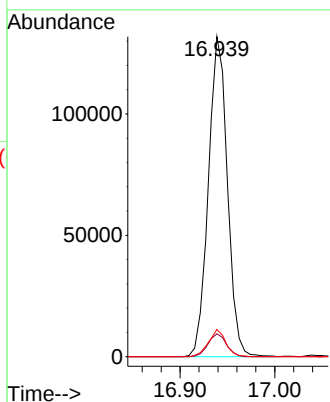
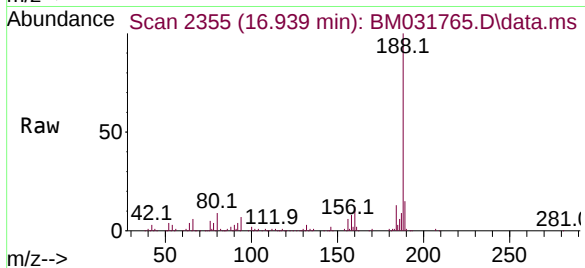
Tgt Ion:188 Resp: 184337

Ion Ratio Lower Upper

188 100

94 7.2 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: BM031765.D

Acq: 16 Aug 2021 23:58

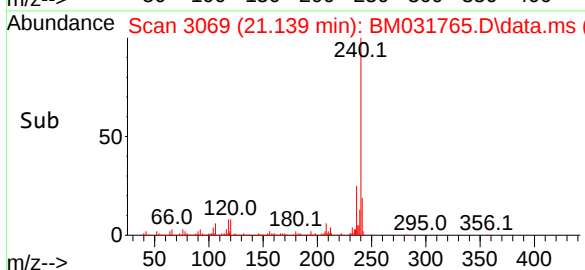
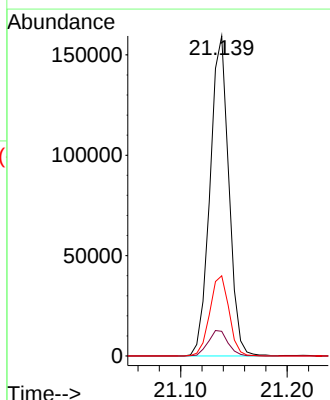
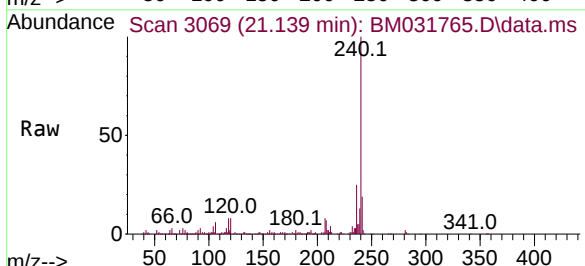
Tgt Ion:240 Resp: 194965

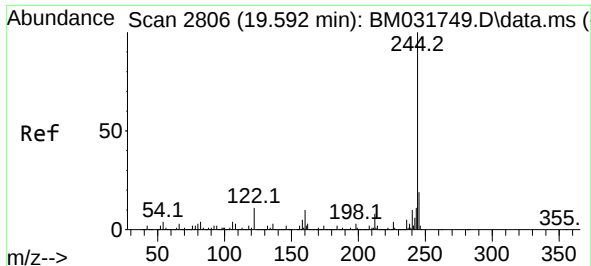
Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

236 25.1 21.0 31.4

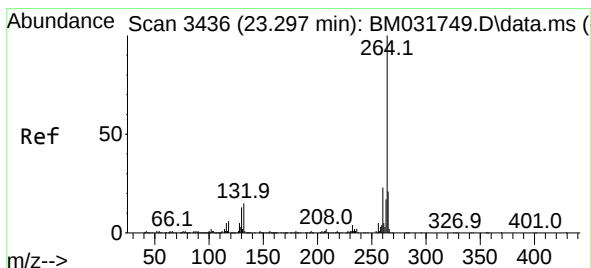
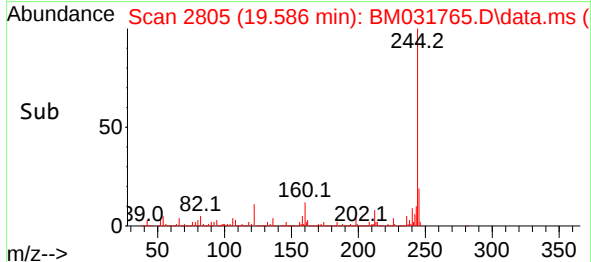
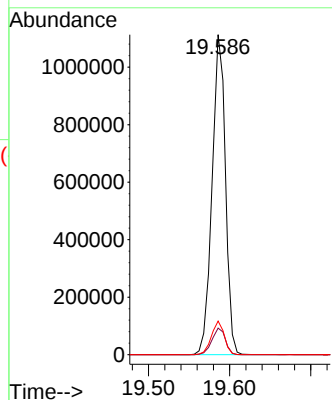
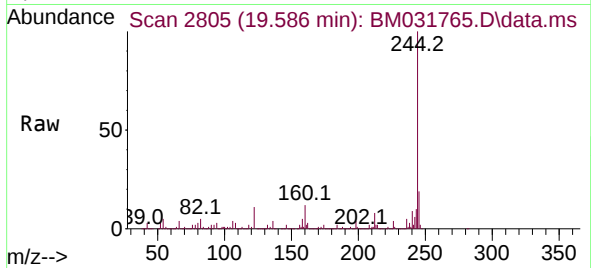




#79
 Terphenyl-d14
 Concen: 109.452 ng
 RT: 19.586 min Scan# 2805
 Delta R.T. -0.006 min
 Lab File: BM031765.D
 Acq: 16 Aug 2021 23:58

Instrument :
 BNA_M
 ClientSampleId :
 29S

Tgt Ion:244 Resp: 1266533
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 10.5 6.9 10.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.285 min Scan# 3434
 Delta R.T. -0.012 min
 Lab File: BM031765.D
 Acq: 16 Aug 2021 23:58

Tgt Ion:264 Resp: 194146
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 22.7 17.7 26.5

