

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
 Data File : BM031794.D
 Acq On : 17 Aug 2021 22:54
 Operator : CG/JU
 Sample : M3425-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 21S

Quant Time: Aug 18 02:25:56 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	7.545	152	36321	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	142884	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	86445	20.000	ng	0.00
64) Phenanthrene-d10	16.933	188	176168	20.000	ng	-0.01
76) Chrysene-d12	21.133	240	154834	20.000	ng	-0.01
86) Perylene-d12	23.280	264	159484	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.192	112	197901	87.451	ng	0.00
7) Phenol-d6	6.739	99	124454	37.953	ng	-0.01
23) Nitrobenzene-d5	8.704	82	363009	106.377	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	58848	55.273	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	738606	113.725	ng	0.00
79) Terphenyl-d14	19.586	244	1105156	120.260	ng	0.00

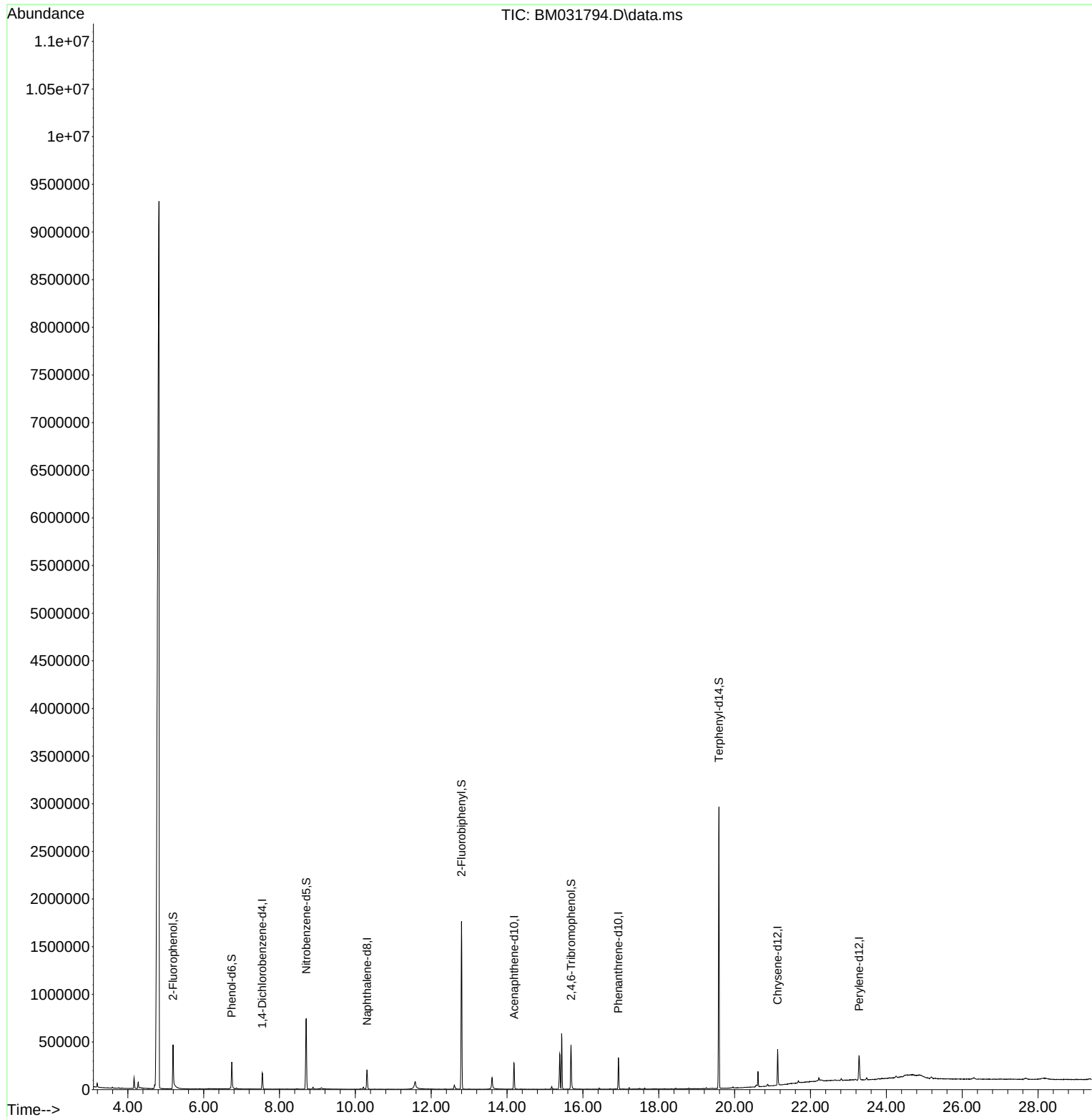
Target Compounds	Qvalue

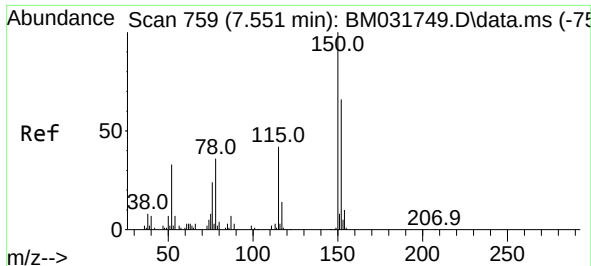
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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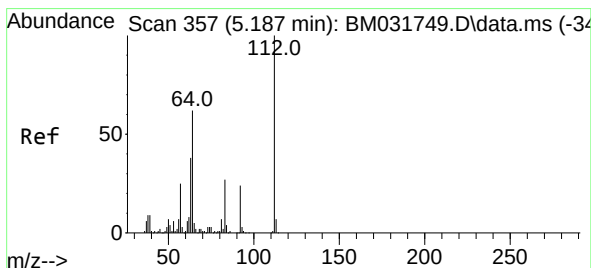
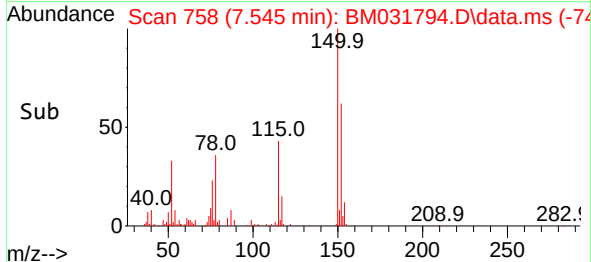
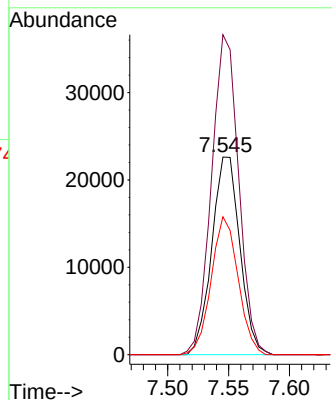
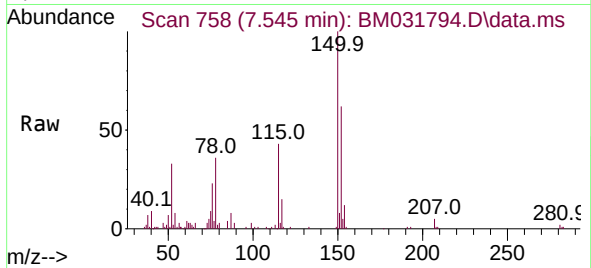




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

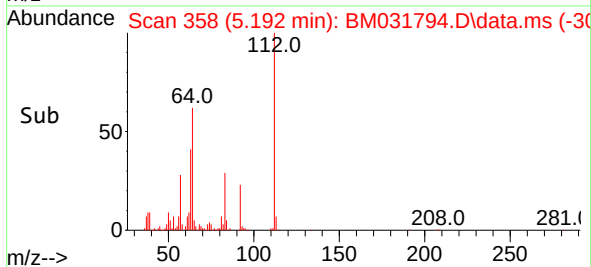
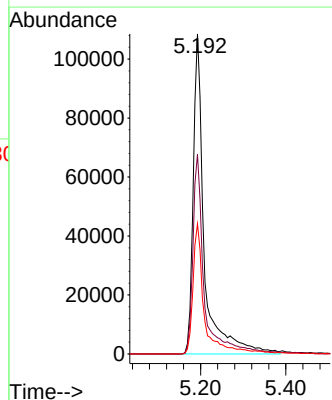
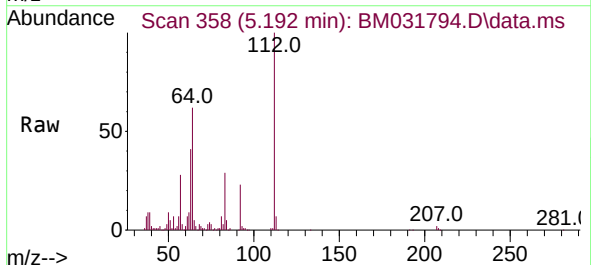
Instrument :
BNA_M
ClientSampled :
21S

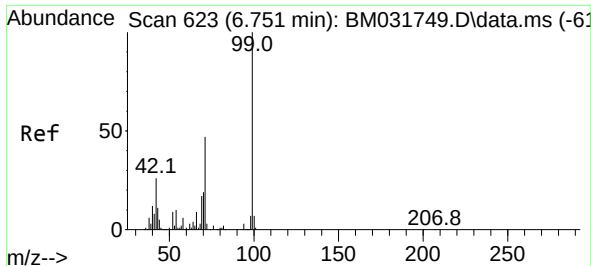
Tgt Ion:152 Resp: 36321
Ion Ratio Lower Upper
152 100
150 161.9 125.9 188.9
115 69.8 44.6 67.0#



#5
2-Fluorophenol
Concen: 87.451 ng
RT: 5.192 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

Tgt Ion:112 Resp: 197901
Ion Ratio Lower Upper
112 100
64 62.5 47.1 70.7
63 40.6 27.3 40.9

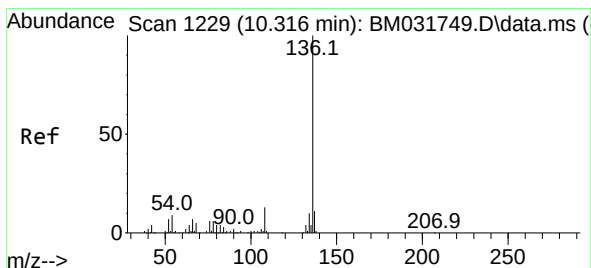
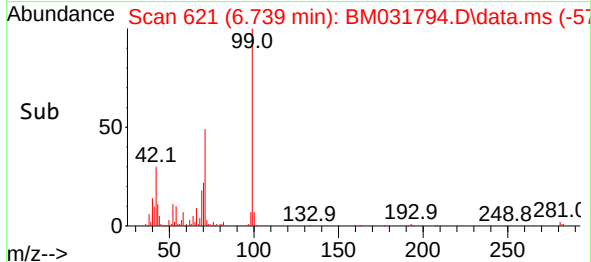
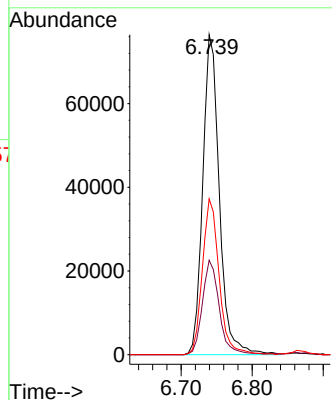
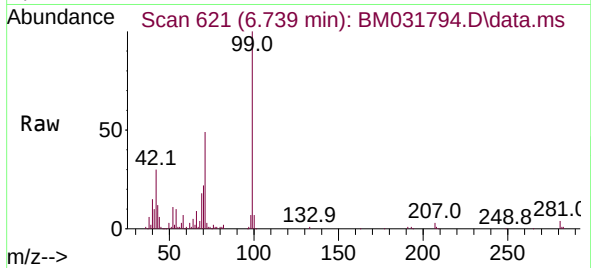




#7
Phenol-d6
Concen: 37.953 ng
RT: 6.739 min Scan# 621
Delta R.T. -0.012 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

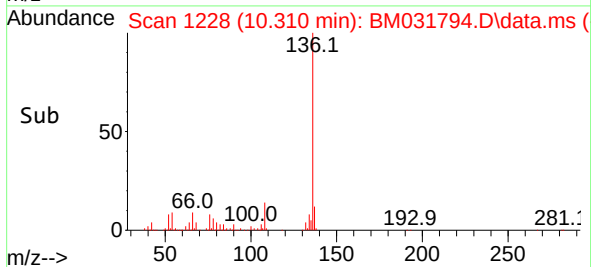
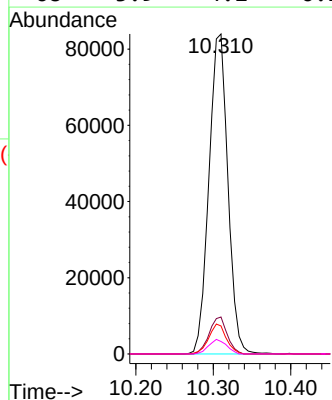
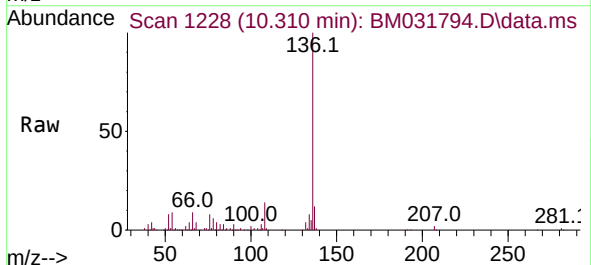
Instrument :
BNA_M
ClientSampleId :
21S

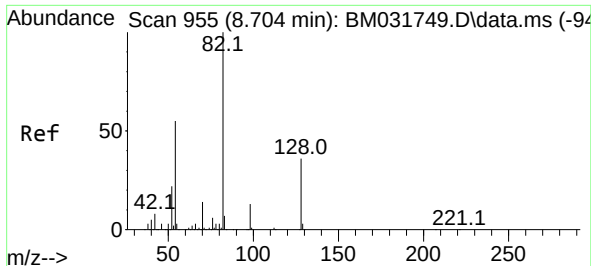
Tgt Ion: 99 Resp: 124454
Ion Ratio Lower Upper
99 100
42 29.5 18.0 27.0#
71 48.7 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

Tgt Ion: 136 Resp: 142884
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.8 5.5 8.3#
68 3.9 4.2 6.2#

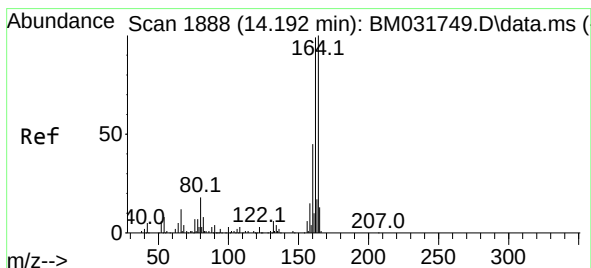
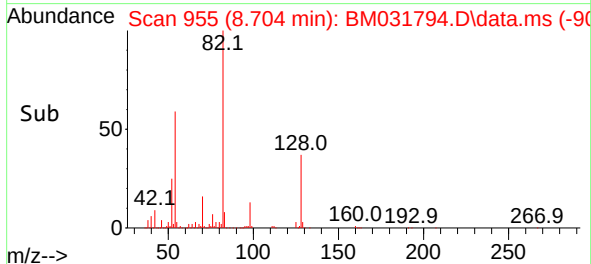
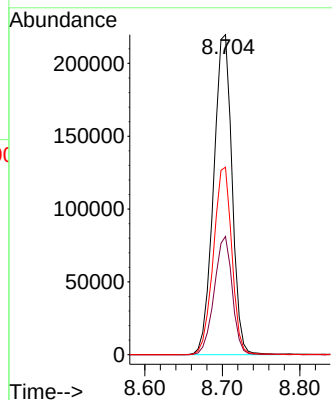
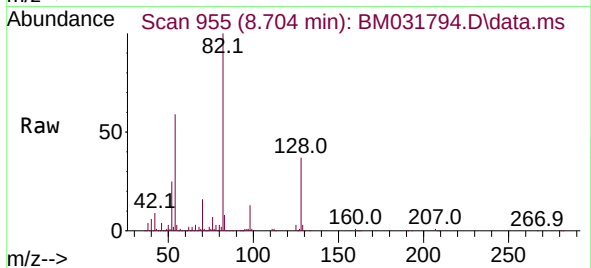




#23
Nitrobenzene-d5
Concen: 106.377 ng
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

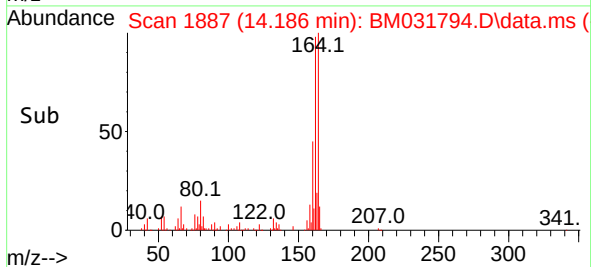
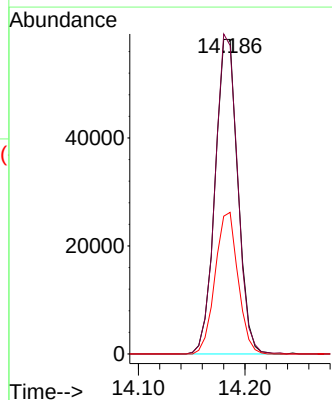
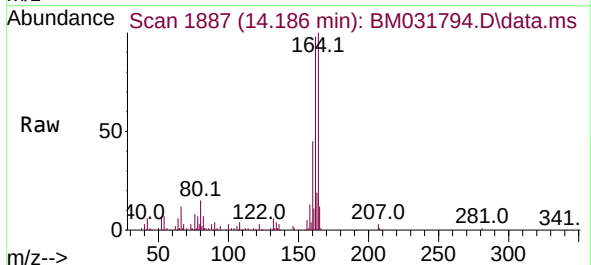
Instrument :
BNA_M
ClientSampleId :
21S

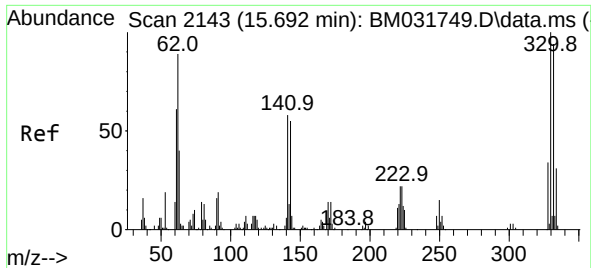
Tgt Ion: 82 Resp: 363009
Ion Ratio Lower Upper
82 100
128 36.9 31.1 46.7
54 58.6 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

Tgt Ion: 164 Resp: 86445
Ion Ratio Lower Upper
164 100
162 98.0 83.4 125.0
160 45.0 37.2 55.8

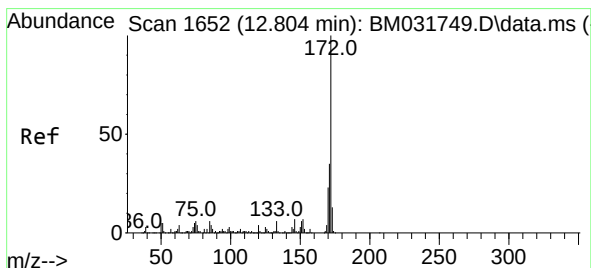
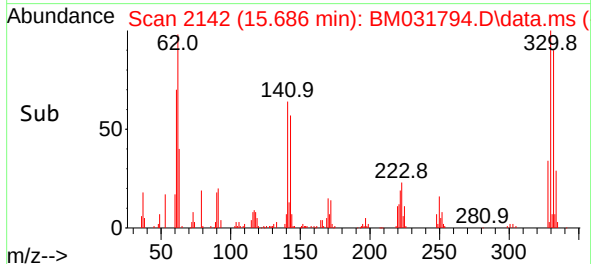
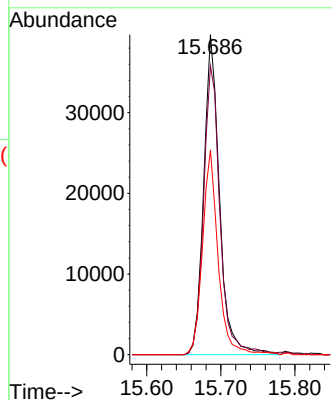
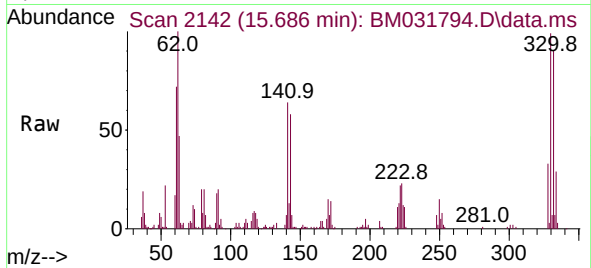




#42
2,4,6-Tribromophenol
Concen: 55.273 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

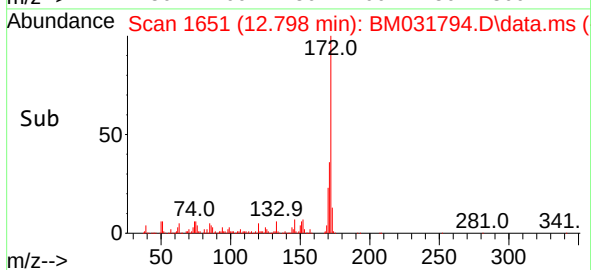
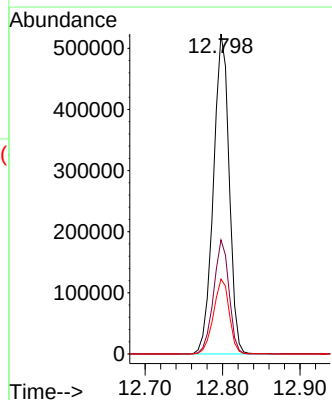
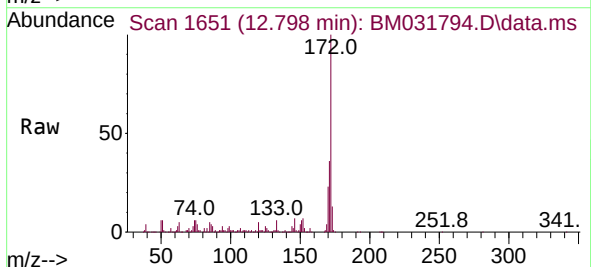
Instrument :
BNA_M
ClientSampled :
21S

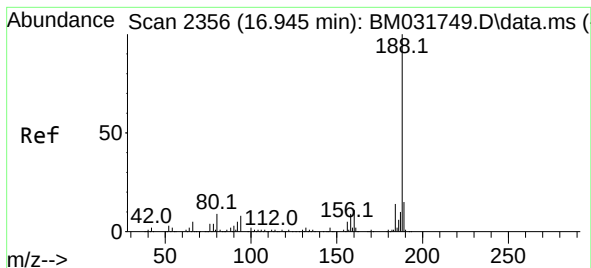
Tgt Ion:330 Resp: 58848
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.4
141 63.2 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 113.725 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

Tgt Ion:172 Resp: 738606
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.933 min Scan# 2354

Delta R.T. -0.012 min

Lab File: BM031794.D

Acq: 17 Aug 2021 22:54

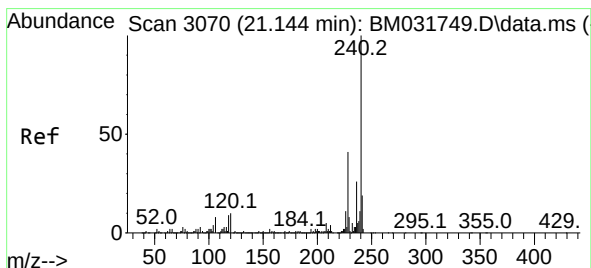
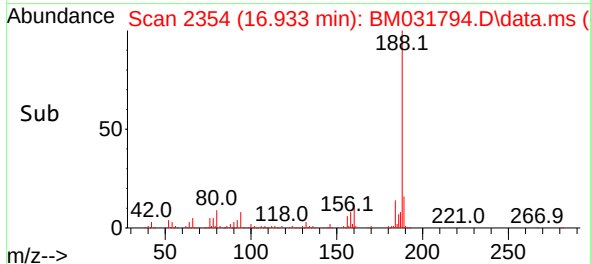
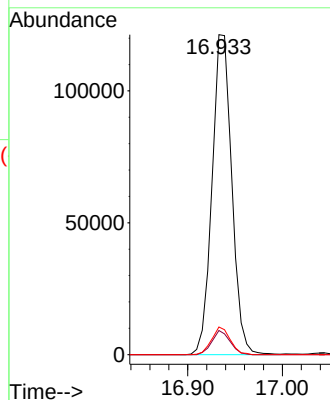
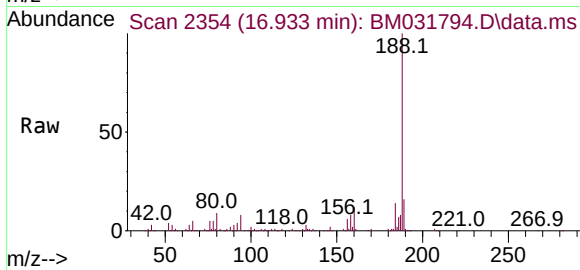
Tgt Ion:188 Resp: 176168

Ion Ratio Lower Upper

188 100

94 7.6 6.0 9.0

80 8.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.133 min Scan# 3068

Delta R.T. -0.012 min

Lab File: BM031794.D

Acq: 17 Aug 2021 22:54

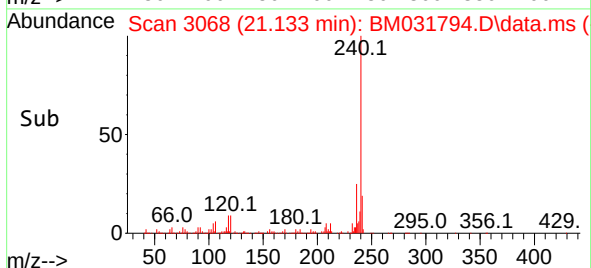
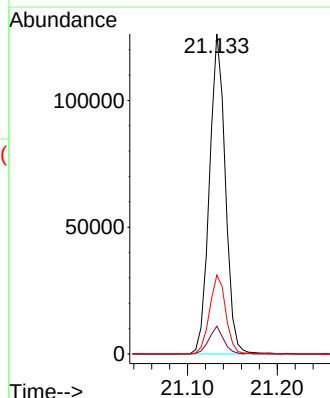
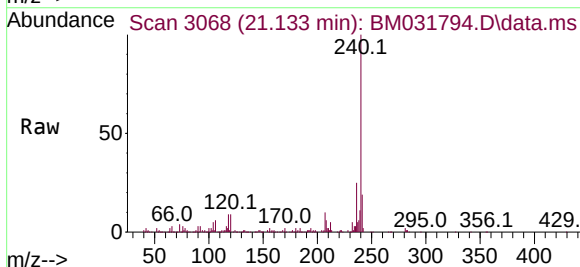
Tgt Ion:240 Resp: 154834

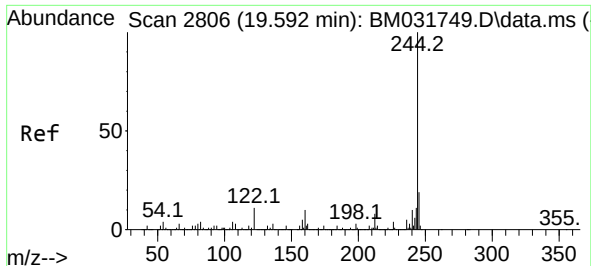
Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

236 24.7 21.0 31.4

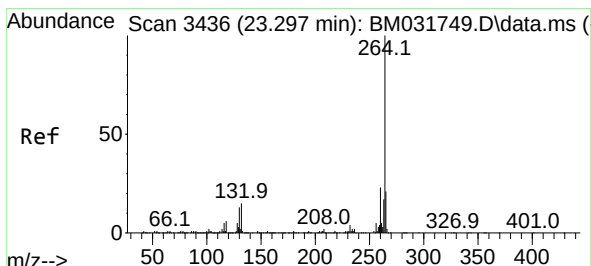
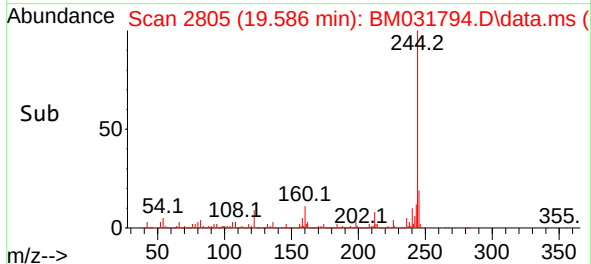
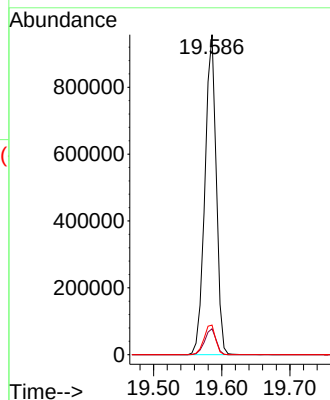
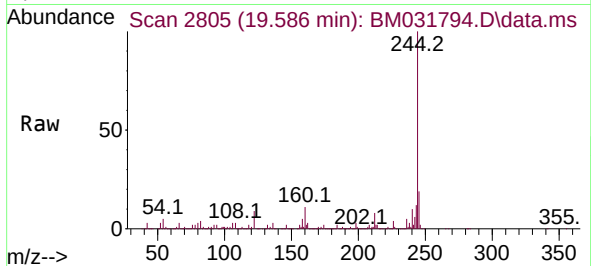




#79
Terphenyl-d14
Concen: 120.260 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

Instrument :
BNA_M
ClientSampled :
21S

Tgt Ion:244 Resp: 1105156
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.2 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.280 min Scan# 3433
Delta R.T. -0.018 min
Lab File: BM031794.D
Acq: 17 Aug 2021 22:54

Tgt Ion:264 Resp: 159484
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.8
265 22.1 17.7 26.5

