

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
 Data File : BM031796.D
 Acq On : 18 Aug 2021 00:08
 Operator : CG/JU
 Sample : M3425-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 22S

Quant Time: Aug 18 02:26:14 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	7.546	152	27301	20.000	ng	# 0.00
21) Naphthalene-d8	10.304	136	107950	20.000	ng	#-0.01
39) Acenaphthene-d10	14.180	164	70225	20.000	ng	-0.01
64) Phenanthrene-d10	16.933	188	162116	20.000	ng	-0.01
76) Chrysene-d12	21.133	240	150352	20.000	ng	-0.01
86) Perylene-d12	23.286	264	133045	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	248073	145.840	ng	0.00
7) Phenol-d6	6.746	99	287644	116.701	ng	0.00
23) Nitrobenzene-d5	8.698	82	232930	90.348	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	117895	136.308	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	478435	90.680	ng	0.00
79) Terphenyl-d14	19.586	244	895772	100.382	ng	0.00

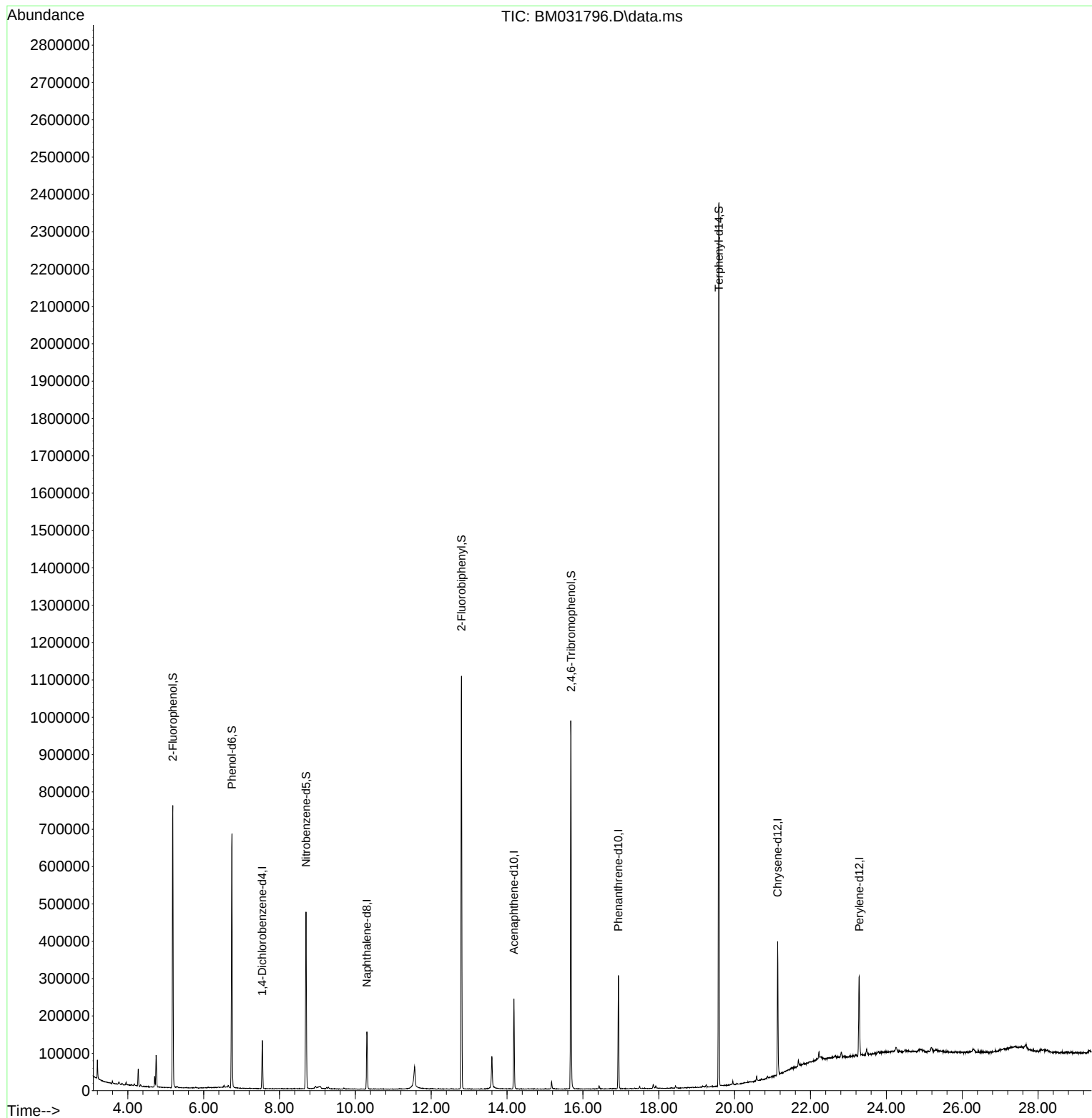
Target Compounds	Qvalue

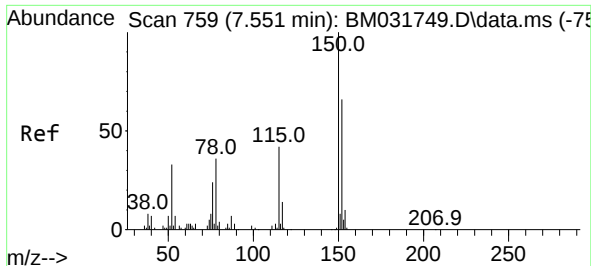
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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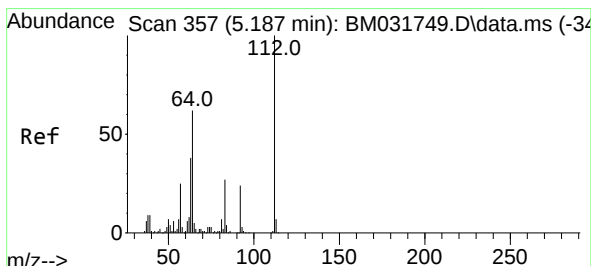
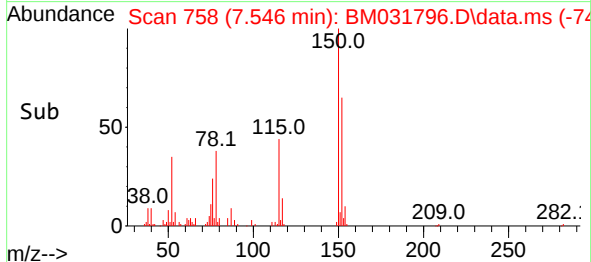
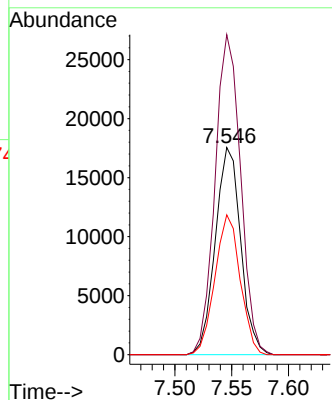
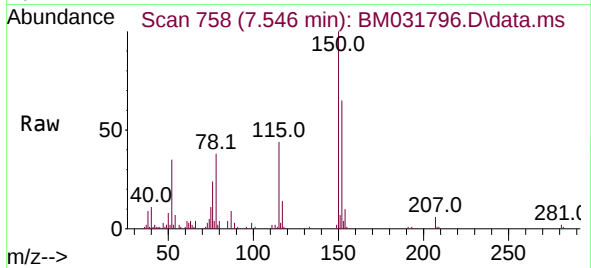




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.005 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

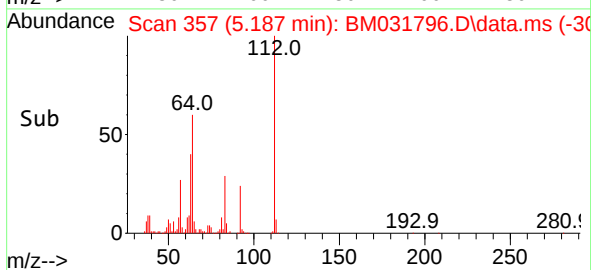
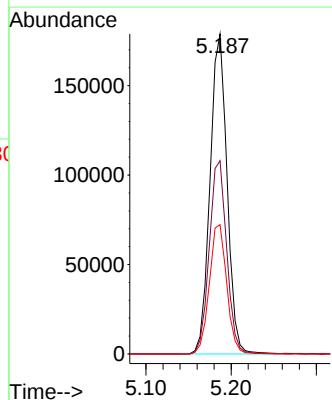
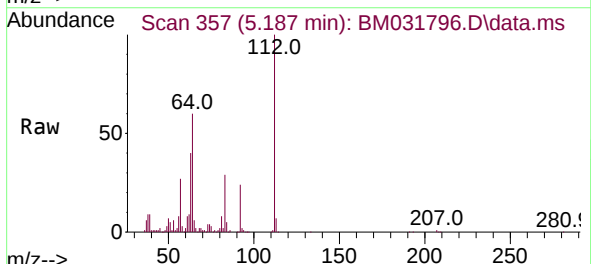
Instrument :
BNA_M
ClientSampleId :
22S

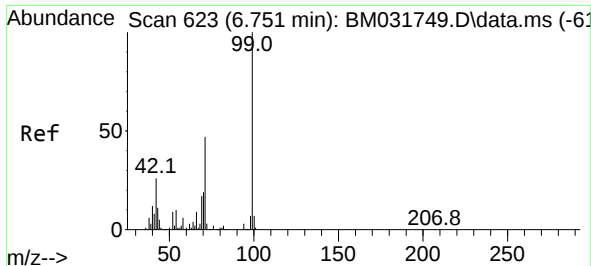
Tgt Ion:152 Resp: 27301
Ion Ratio Lower Upper
152 100
150 154.4 125.9 188.9
115 67.5 44.6 67.0#



#5
2-Fluorophenol
Concen: 145.840 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

Tgt Ion:112 Resp: 248073
Ion Ratio Lower Upper
112 100
64 60.4 47.1 70.7
63 40.4 27.3 40.9

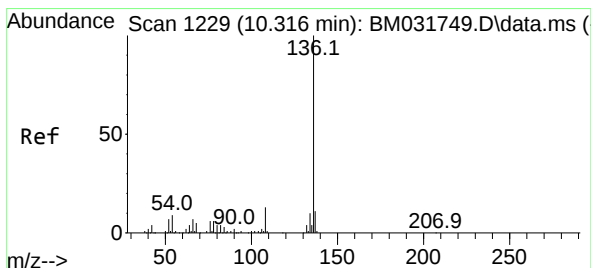
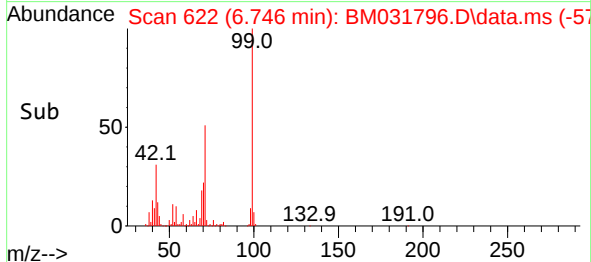
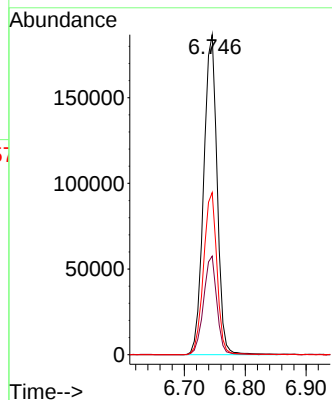
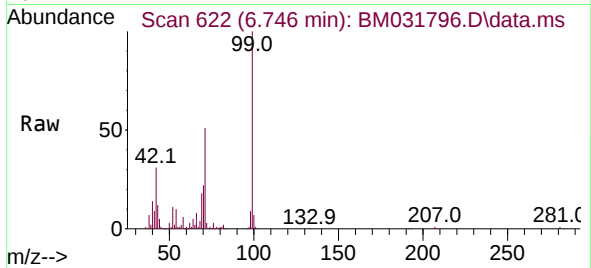




#7
Phenol-d6
Concen: 116.701 ng
RT: 6.746 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

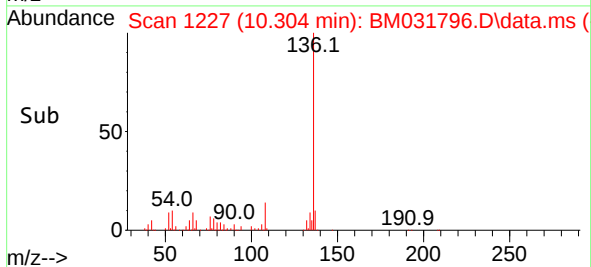
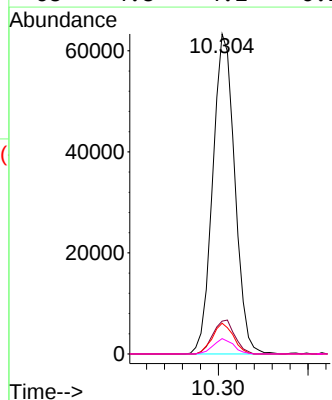
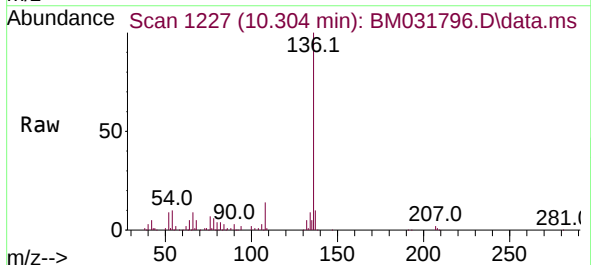
Instrument :
BNA_M
ClientSampled :
22S

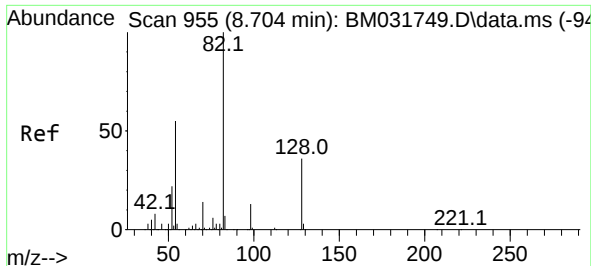
Tgt Ion: 99 Resp: 287644
Ion Ratio Lower Upper
99 100
42 30.8 18.0 27.0#
71 50.7 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.304 min Scan# 1227
Delta R.T. -0.012 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

Tgt Ion: 136 Resp: 107950
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 9.6 5.5 8.3#
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 90.348 ng

RT: 8.698 min Scan# 954

Delta R.T. -0.006 min

Lab File: BM031796.D

Acq: 18 Aug 2021 00:08

Tgt Ion: 82 Resp: 232930

Ion Ratio Lower Upper

82 100

128 36.5 31.1 46.7

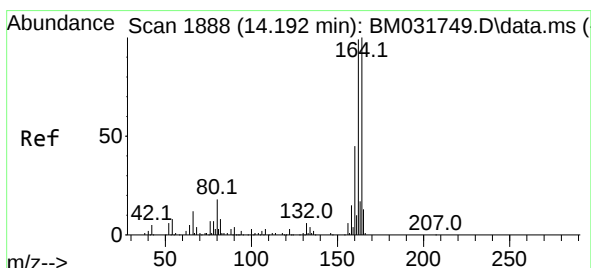
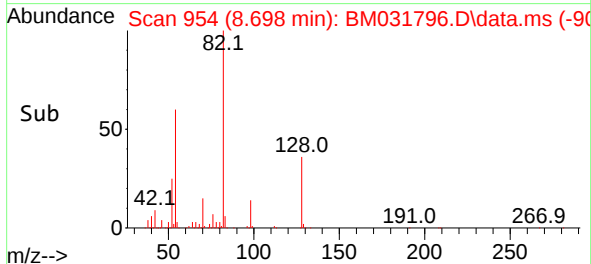
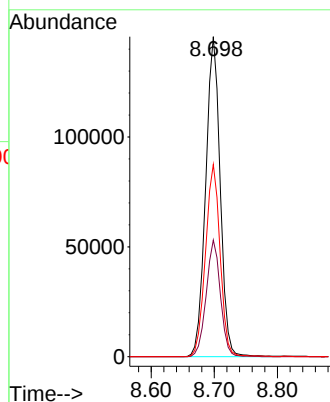
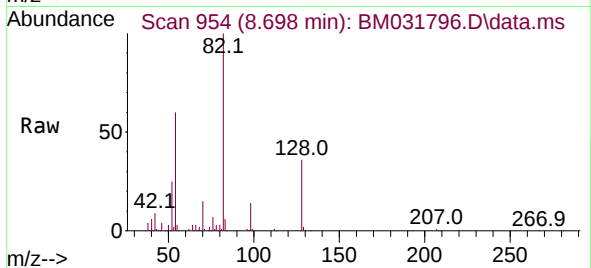
54 60.1 37.3 55.9#

Instrument :

BNA_M

ClientSampled :

22S



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.180 min Scan# 1886

Delta R.T. -0.012 min

Lab File: BM031796.D

Acq: 18 Aug 2021 00:08

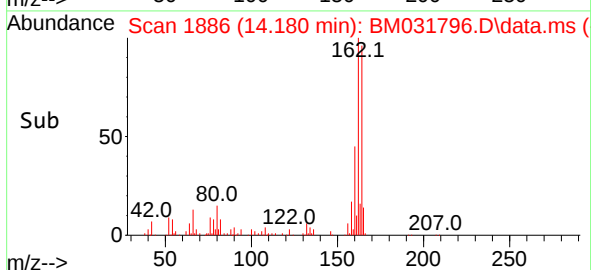
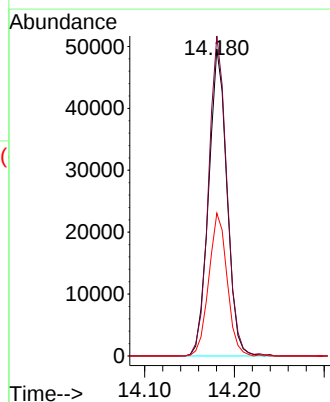
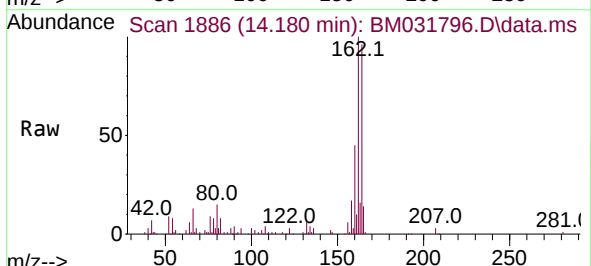
Tgt Ion:164 Resp: 70225

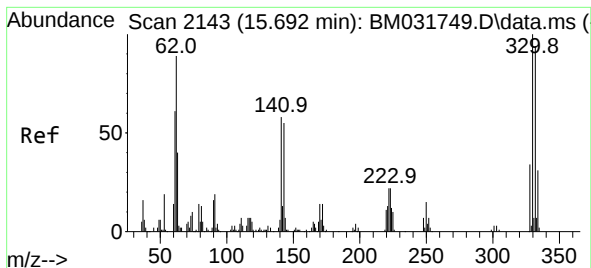
Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.0

160 46.5 37.2 55.8

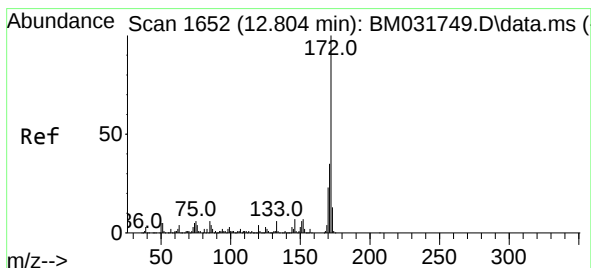
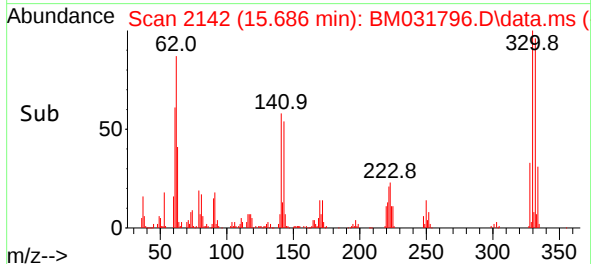
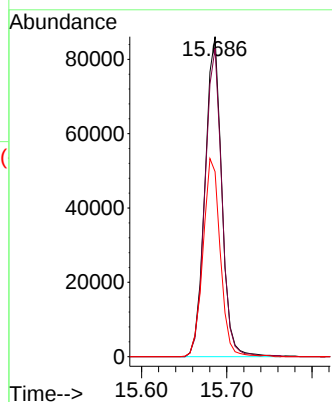
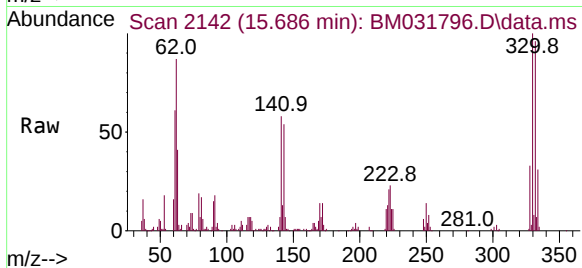




#42
2,4,6-Tribromophenol
Concen: 136.308 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

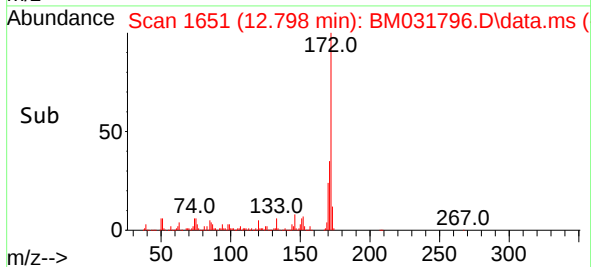
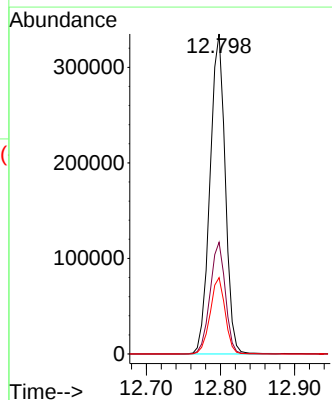
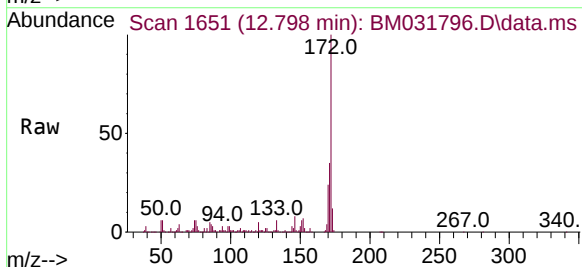
Instrument :
BNA_M
ClientSampled :
22S

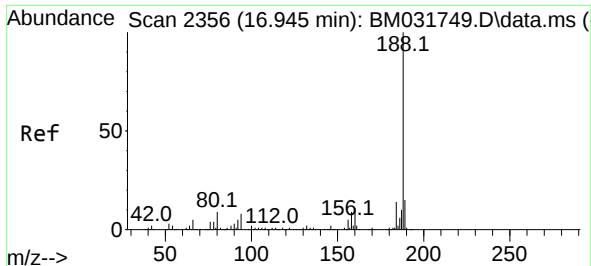
Tgt Ion:330 Resp: 117895
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 63.5 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 90.680 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

Tgt Ion:172 Resp: 478435
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.8 18.4 27.6

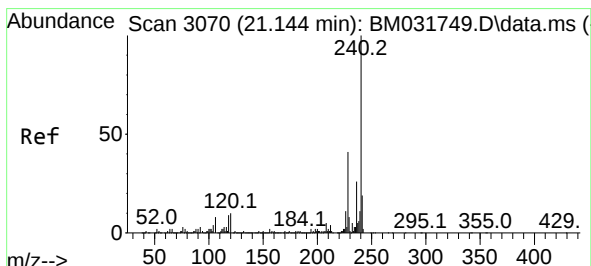
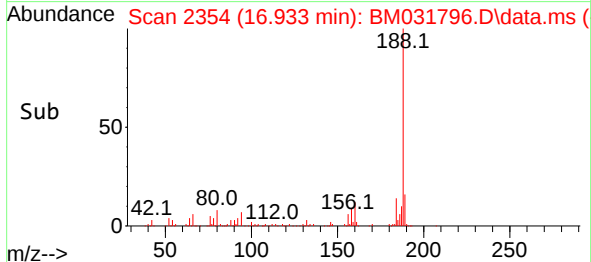
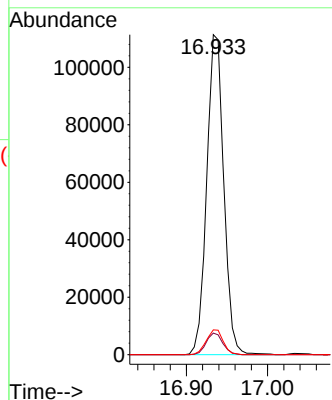
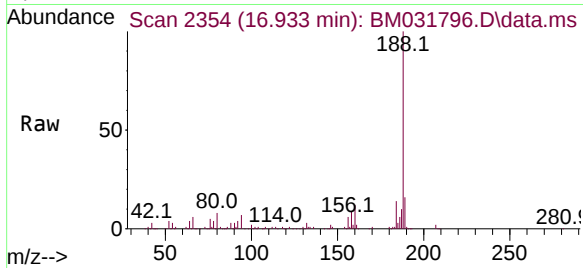




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.933 min Scan# 2354
Delta R.T. -0.012 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

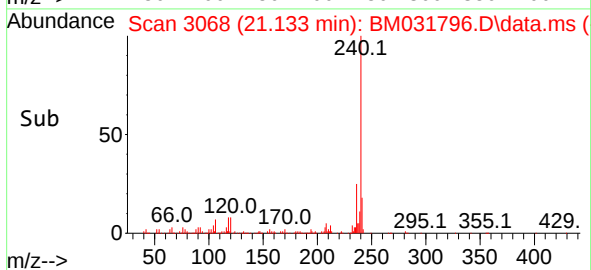
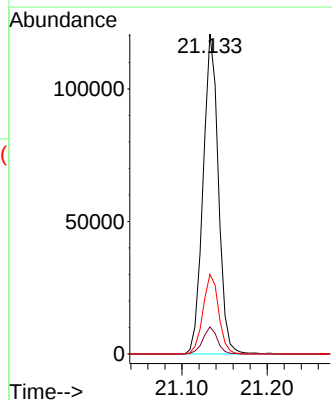
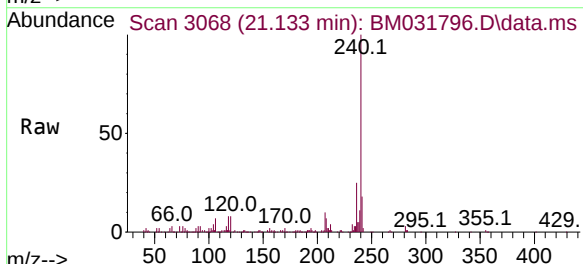
Instrument :
BNA_M
ClientSampled :
22S

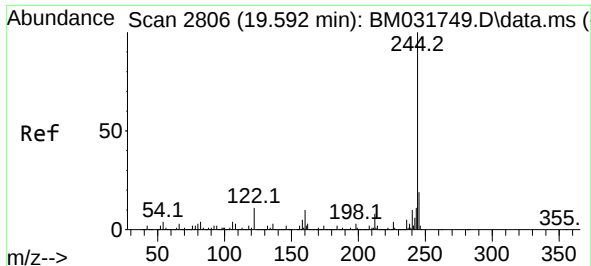
Tgt Ion:188 Resp: 162116
Ion Ratio Lower Upper
188 100
94 6.7 6.0 9.0
80 7.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.012 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

Tgt Ion:240 Resp: 150352
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 24.9 21.0 31.4

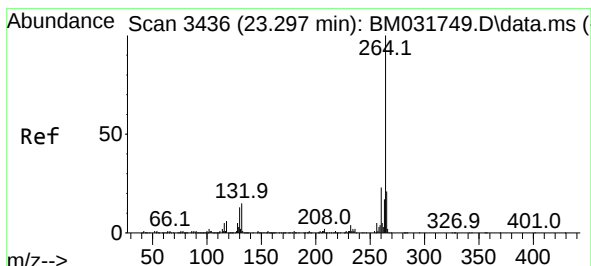
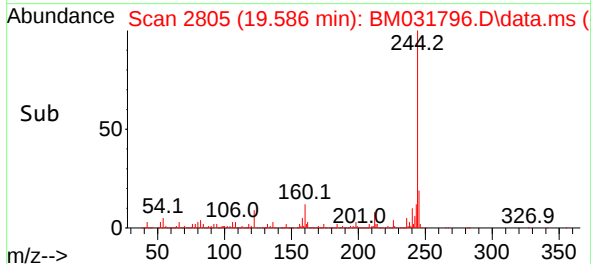
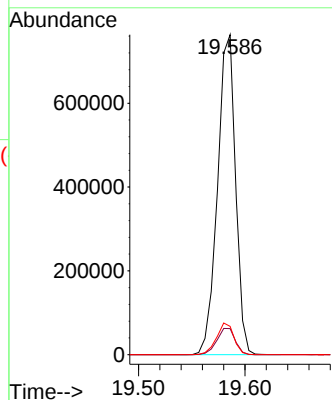
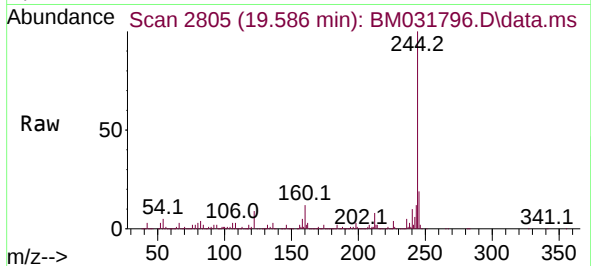




#79
Terphenyl-d14
Concen: 100.382 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

Instrument :
BNA_M
ClientSampled :
22S

Tgt Ion:244 Resp: 895772
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.8 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.286 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031796.D
Acq: 18 Aug 2021 00:08

Tgt Ion:264 Resp: 133045
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.8
265 22.5 17.7 26.5

