

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031774.D
 Acq On : 17 Aug 2021 05:30
 Operator : CG/JU
 Sample : M3425-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 23N

Quant Time: Aug 17 07:29:10 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	42131	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	177941	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	115329	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	253280	20.000	ng	0.00
76) Chrysene-d12	21.139	240	238257	20.000	ng	0.00
86) Perylene-d12	23.285	264	211477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	368070	140.218	ng	0.00
7) Phenol-d6	6.745	99	441851	116.164	ng	0.00
23) Nitrobenzene-d5	8.704	82	359556	84.607	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	197598	139.111	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	740722	85.487	ng	0.00
79) Terphenyl-d14	19.586	244	1424075	100.705	ng	0.00

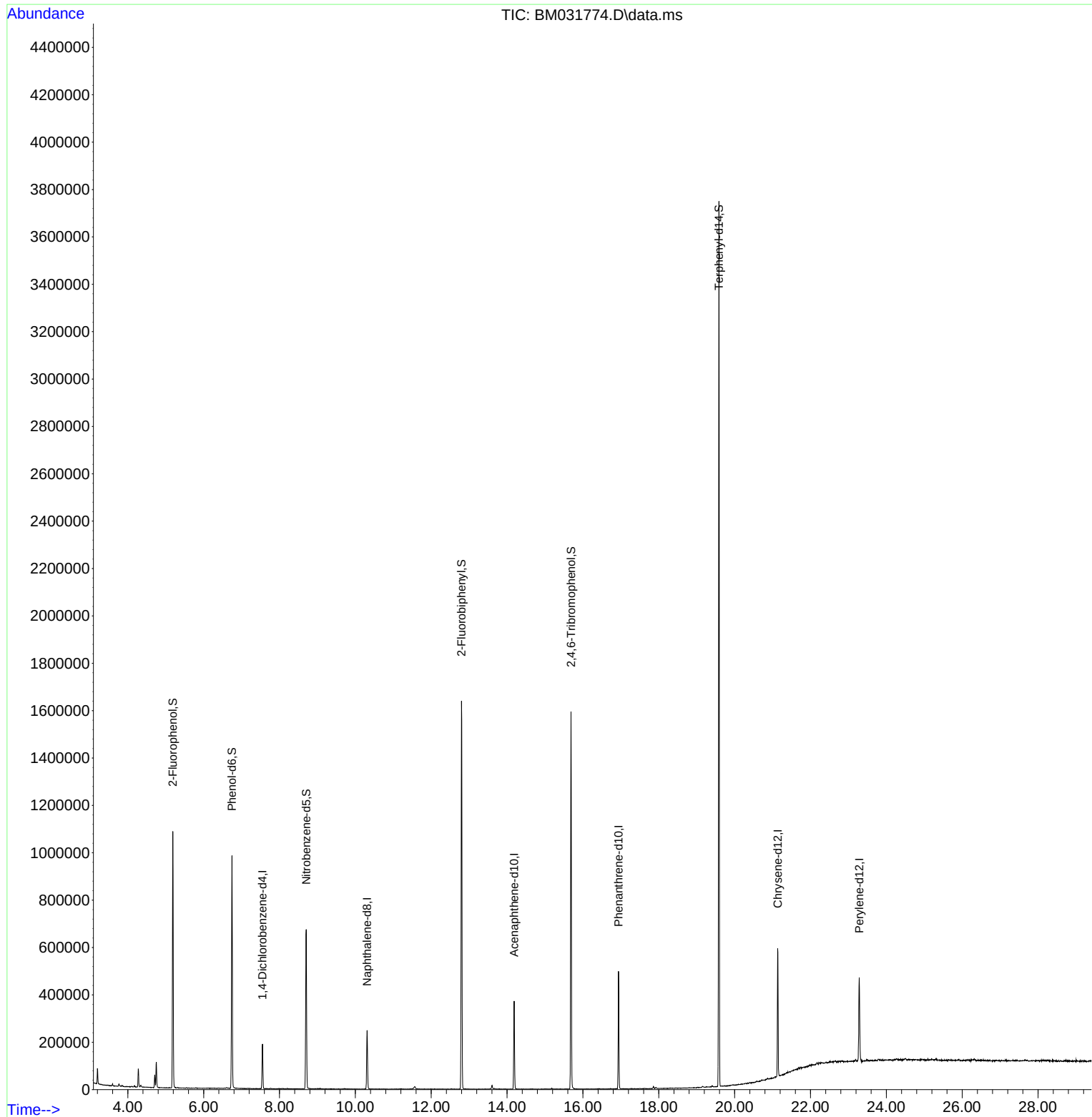
Target Compounds	Qvalue

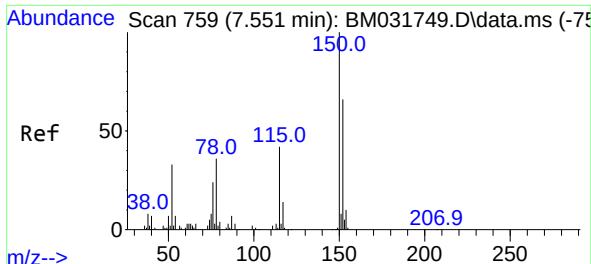
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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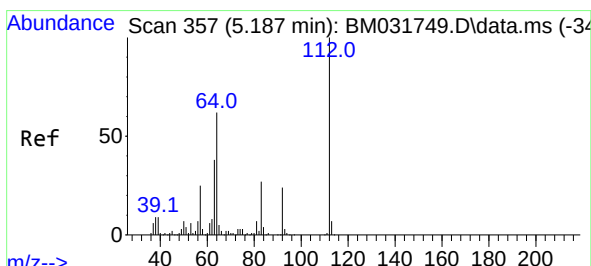
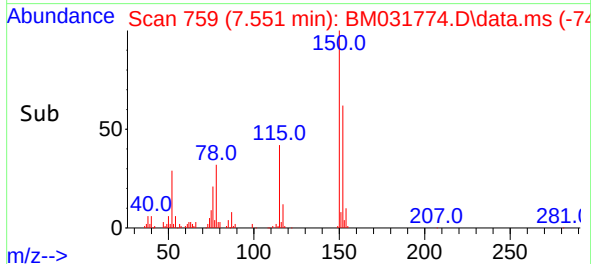
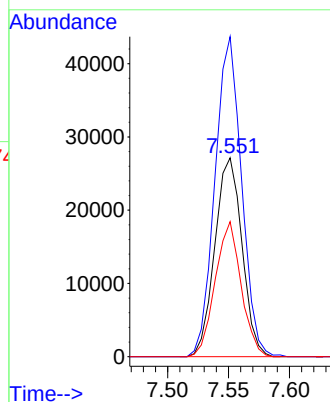
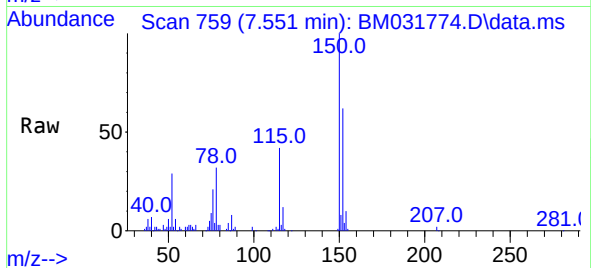




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

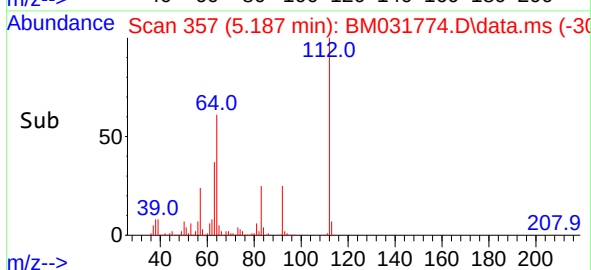
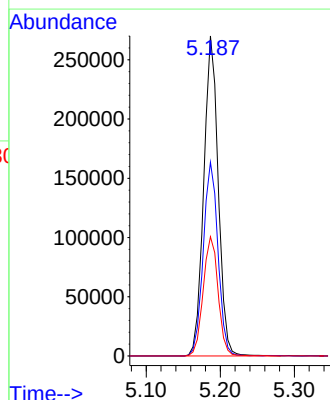
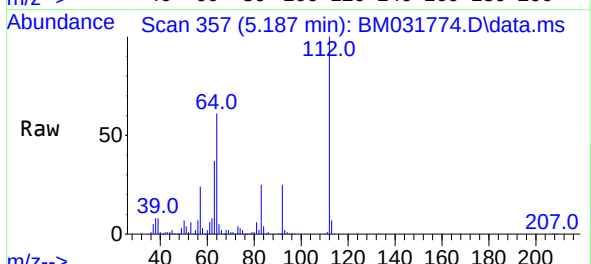
Instrument :
BNA_M
ClientSampled :
23N

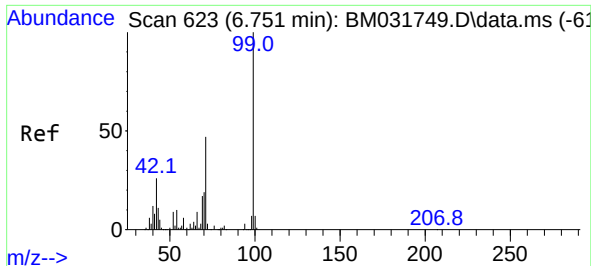
Tgt Ion:152 Resp: 42131
Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 67.9 44.6 67.0#



#5
2-Fluorophenol
Concen: 140.218 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

Tgt Ion:112 Resp: 368070
Ion Ratio Lower Upper
112 100
64 60.5 47.1 70.7
63 37.3 27.3 40.9

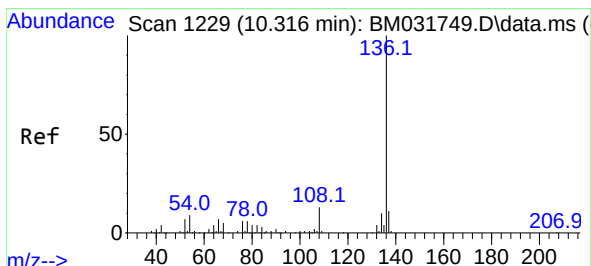
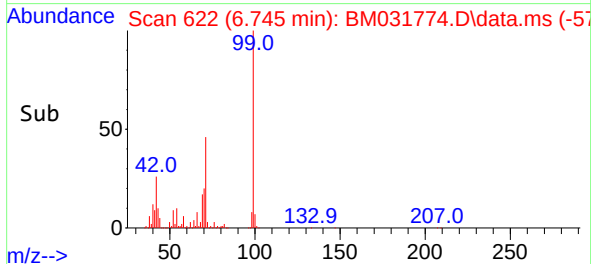
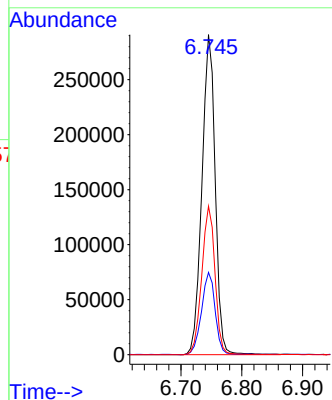
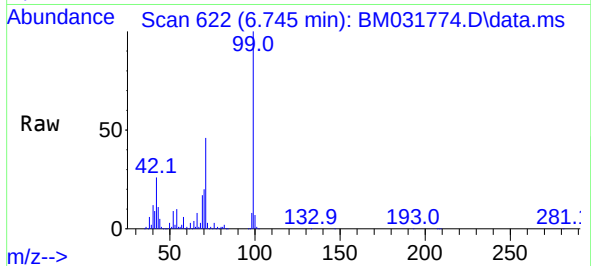




#7
Phenol-d6
Concen: 116.164 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

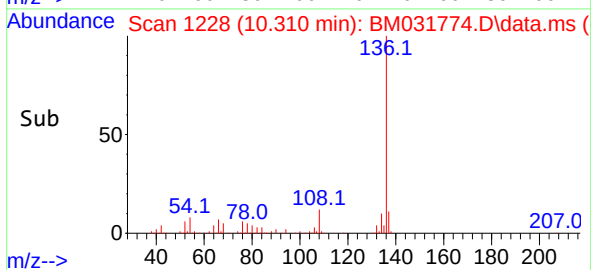
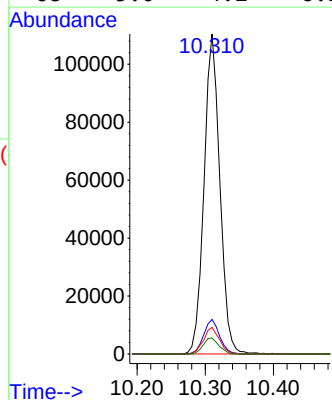
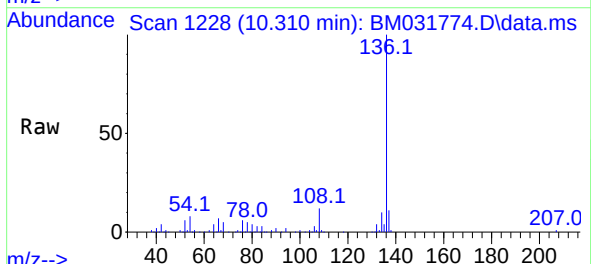
Instrument :
BNA_M
ClientSampled :
23N

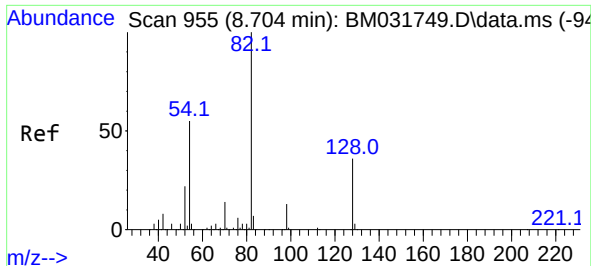
Tgt Ion: 99 Resp: 441851
Ion Ratio Lower Upper
99 100
42 25.7 18.0 27.0
71 46.4 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

Tgt Ion: 136 Resp: 177941
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.5 8.3#
68 5.0 4.2 6.2

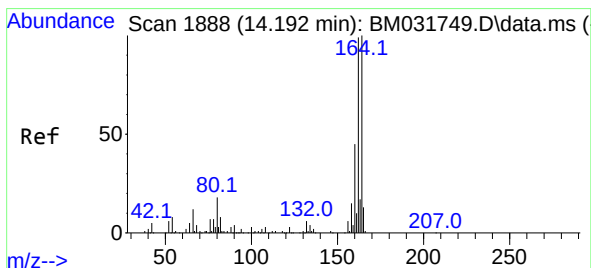
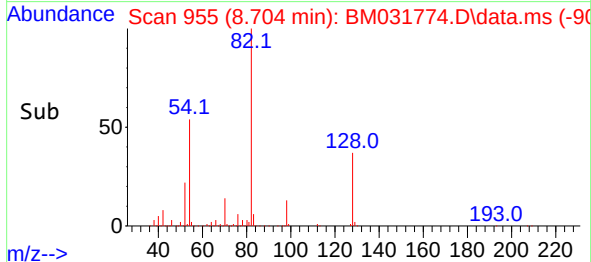
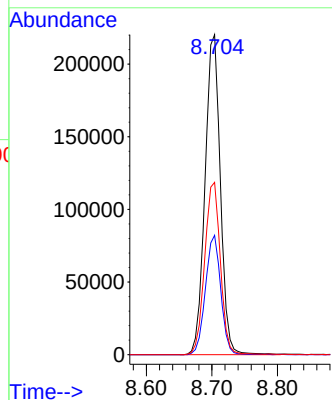
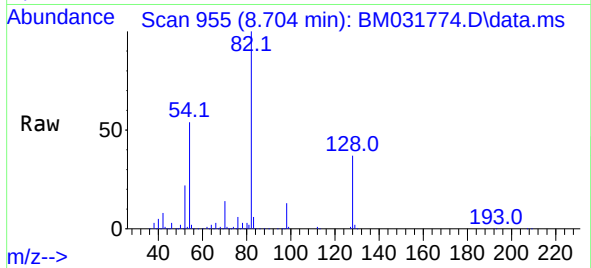




#23
Nitrobenzene-d5
Concen: 84.607 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

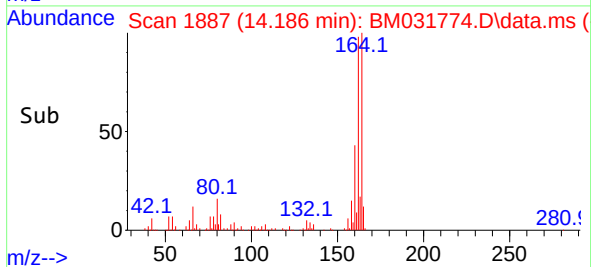
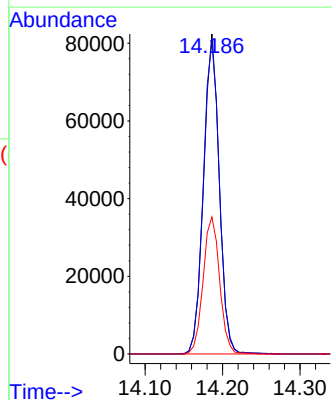
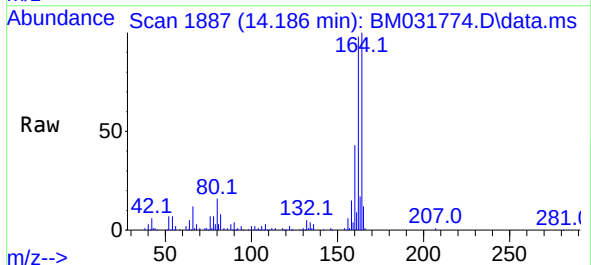
Instrument :
BNA_M
ClientSampled :
23N

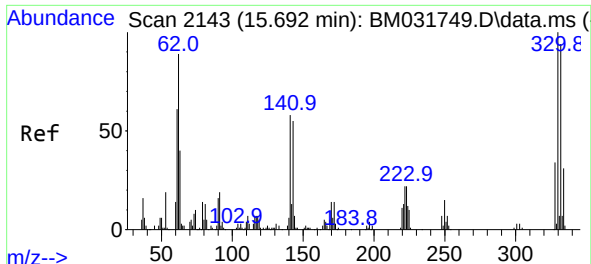
Tgt Ion: 82 Resp: 359556
Ion Ratio Lower Upper
82 100
128 37.3 31.1 46.7
54 53.9 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

Tgt Ion: 164 Resp: 115329
Ion Ratio Lower Upper
164 100
162 97.6 83.4 125.0
160 42.8 37.2 55.8

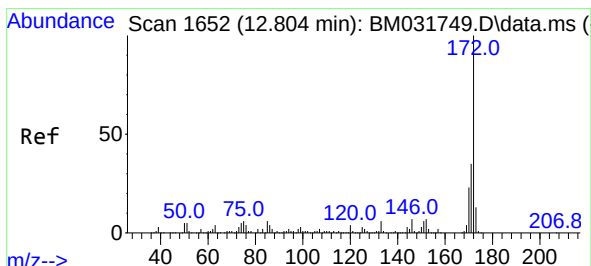
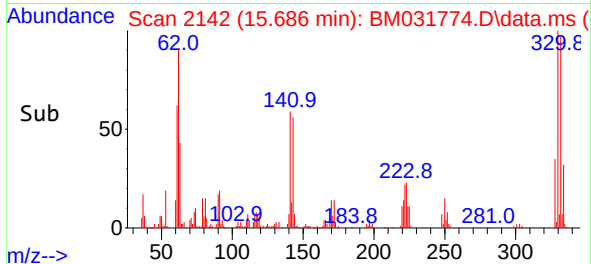
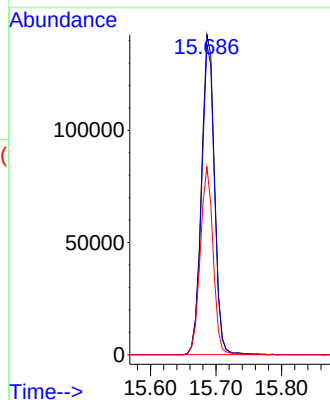
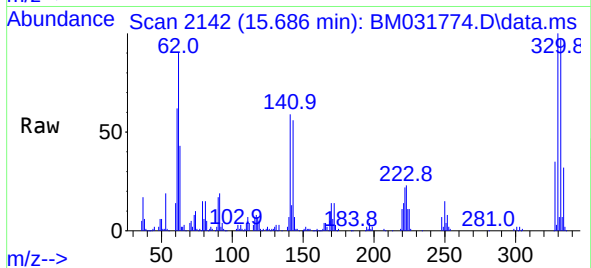




#42
2,4,6-Tribromophenol
Concen: 139.111 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

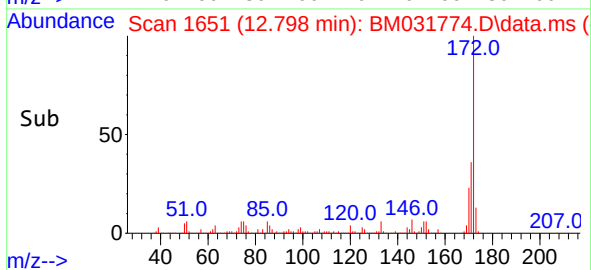
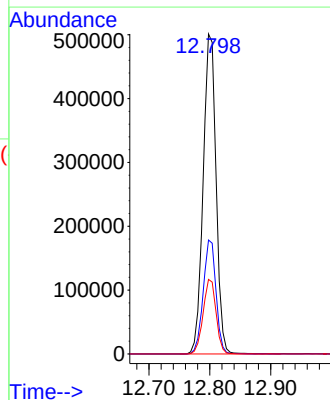
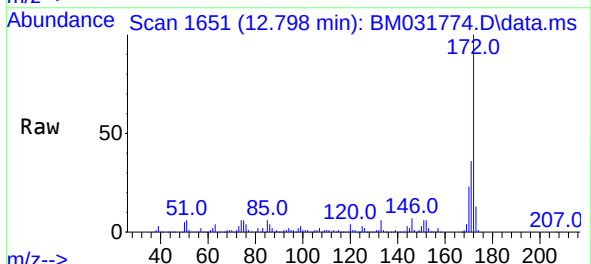
Instrument :
BNA_M
ClientSampled :
23N

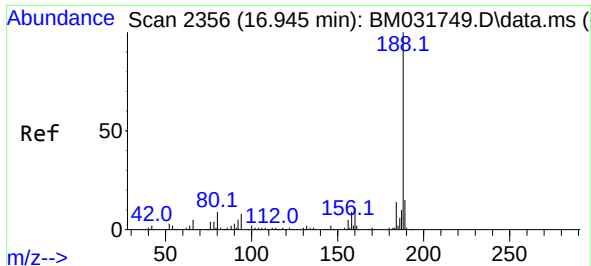
Tgt Ion:330 Resp: 197598
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 58.0 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 85.487 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

Tgt Ion:172 Resp: 740722
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.3 18.4 27.6

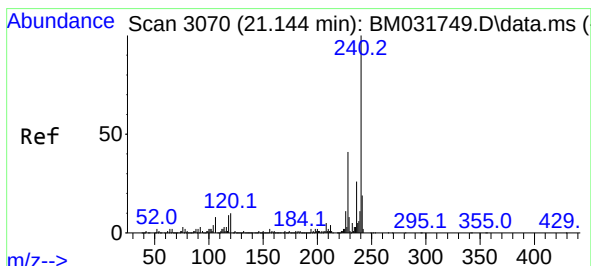
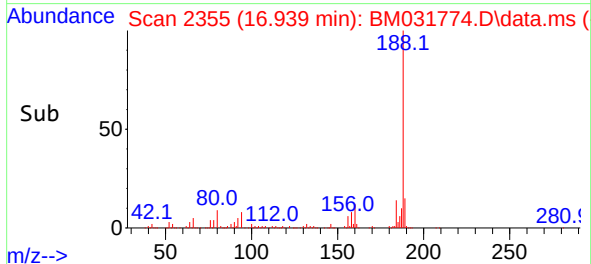
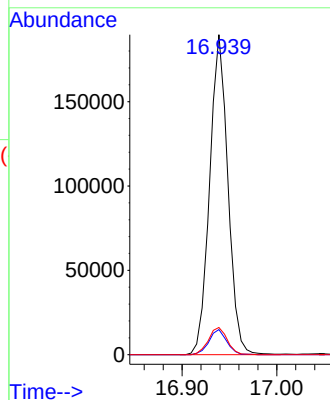
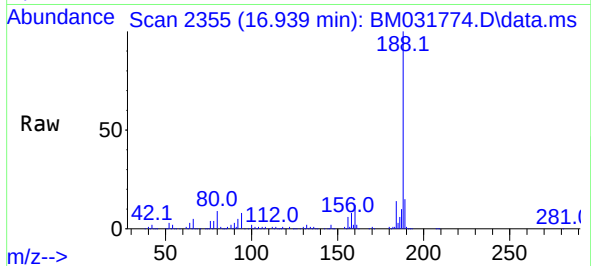




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

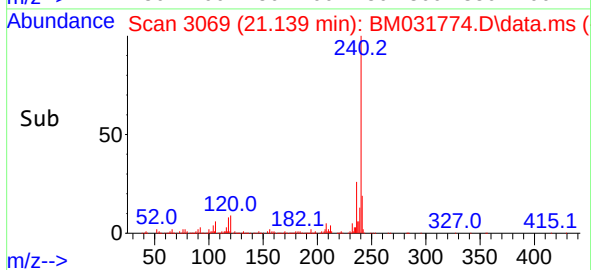
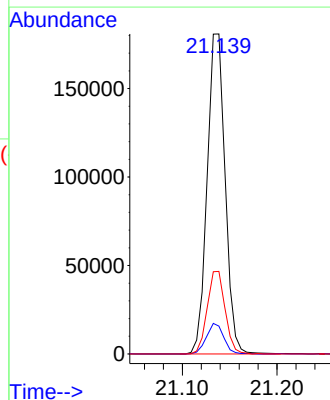
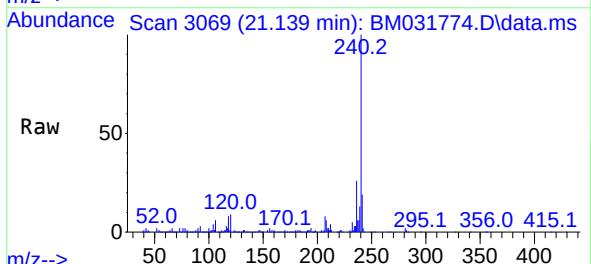
Instrument :
BNA_M
ClientSampleId :
23N

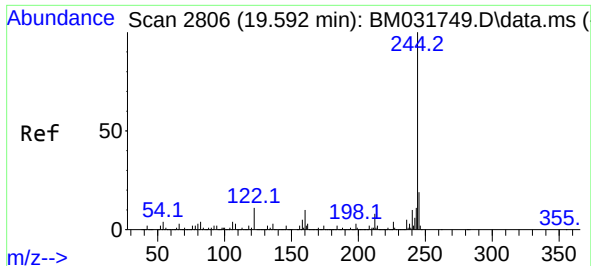
Tgt Ion:188 Resp: 253280
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 8.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

Tgt Ion:240 Resp: 238257
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.8 21.0 31.4

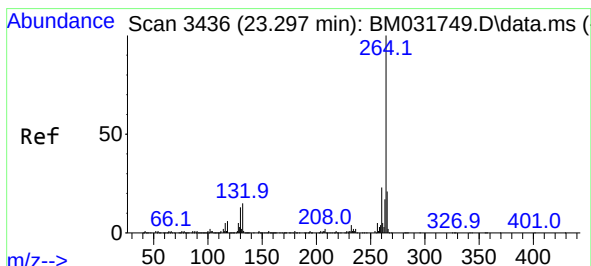
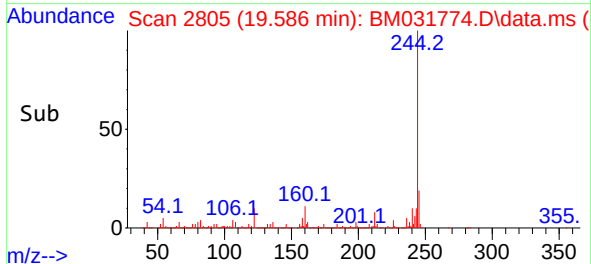
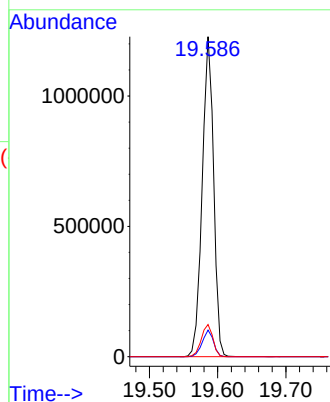
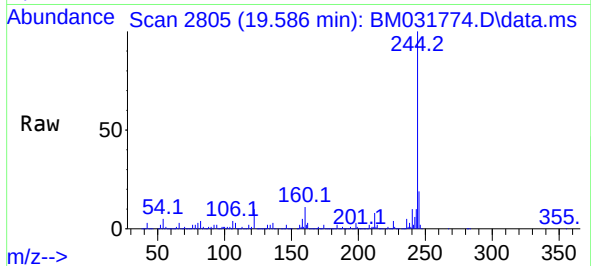




#79
Terphenyl-d14
Concen: 100.705 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM031774.D
Acq: 17 Aug 2021 05:30

Instrument :
BNA_M
ClientSampled :
23N

Tgt Ion:244 Resp: 1424075
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 10.1 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: BM031774.D
Acq: 17 Aug 2021 05:30

Tgt Ion:264 Resp: 211477
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.8
265 21.3 17.7 26.5

