

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031769.D
 Acq On : 17 Aug 2021 02:26
 Operator : CG/JU
 Sample : M3408-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 34S

Quant Time: Aug 17 03:11:51 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	32049	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	131080	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	83499	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	182163	20.000	ng	0.00
76) Chrysene-d12	21.133	240	191137	20.000	ng	-0.01
86) Perylene-d12	23.286	264	190795	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	343689	172.118	ng	0.00
7) Phenol-d6	6.751	99	395861	136.813	ng	0.00
23) Nitrobenzene-d5	8.704	82	319934	102.197	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	158810	154.424	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	597879	95.305	ng	0.00
79) Terphenyl-d14	19.586	244	1226712	108.134	ng	0.00

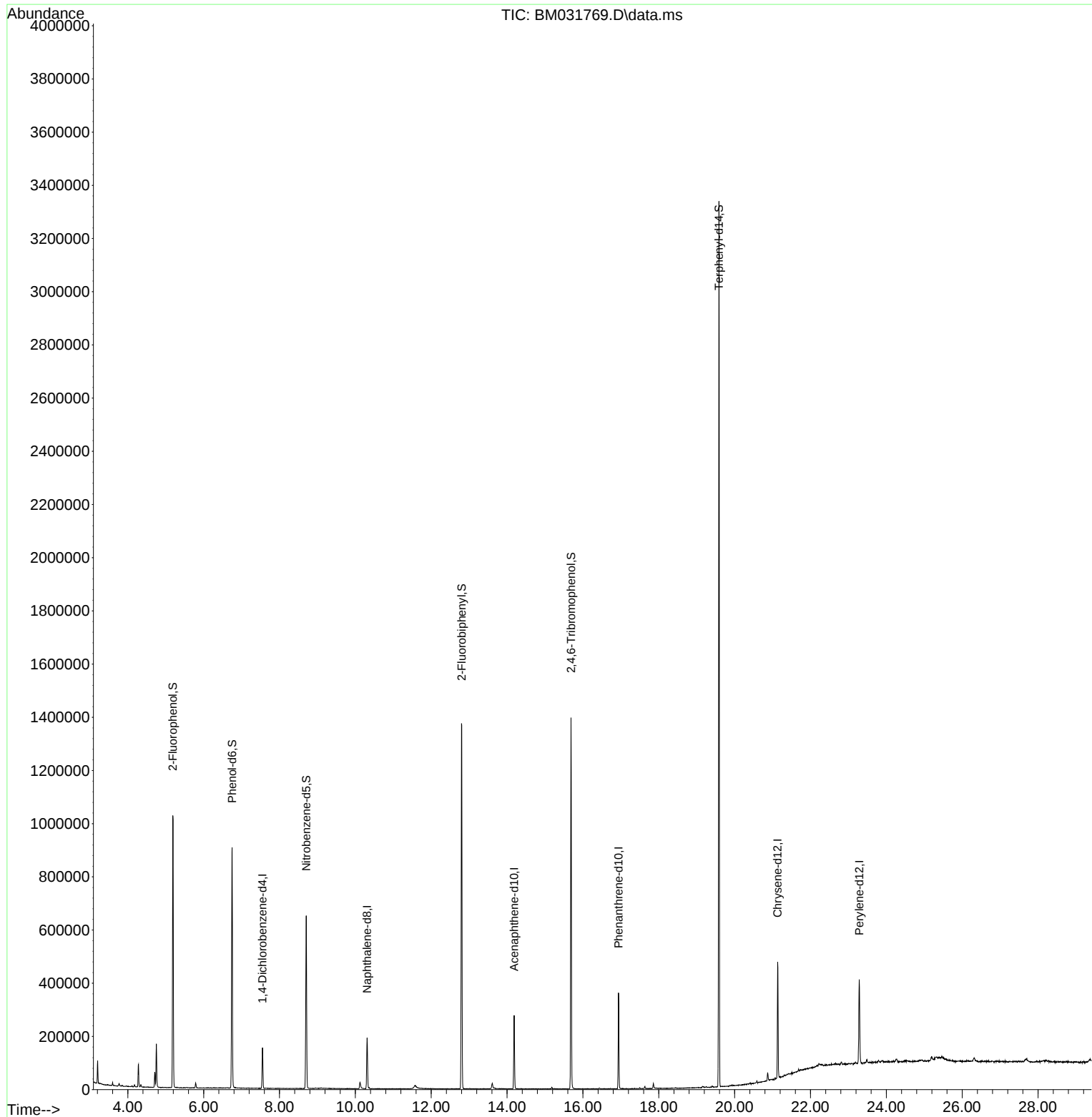
Target Compounds	Qvalue

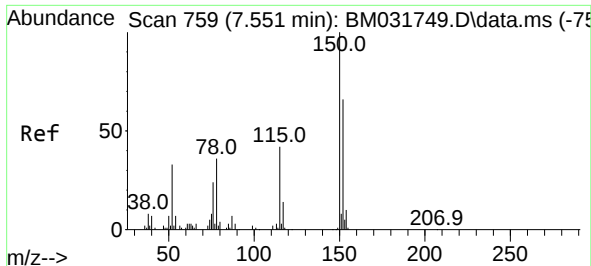
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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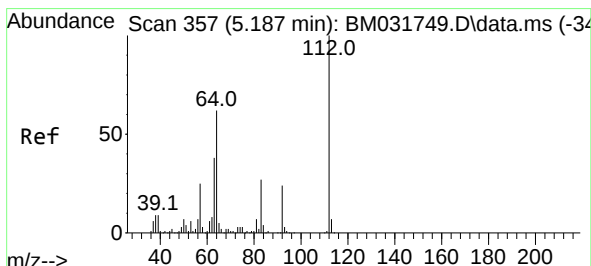
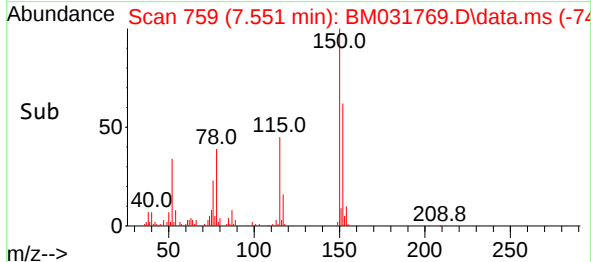
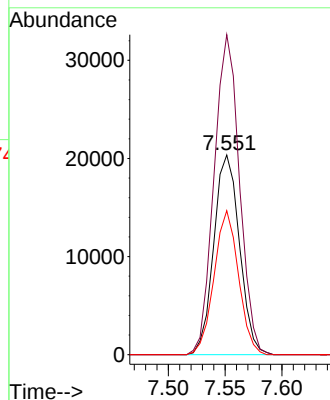
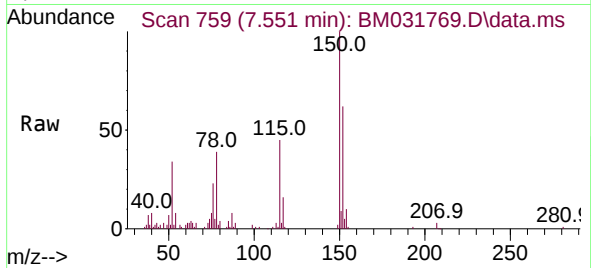




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

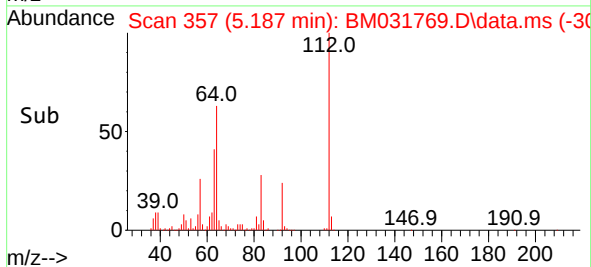
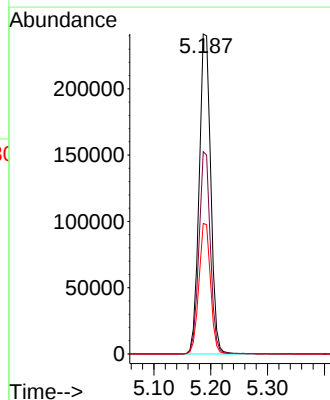
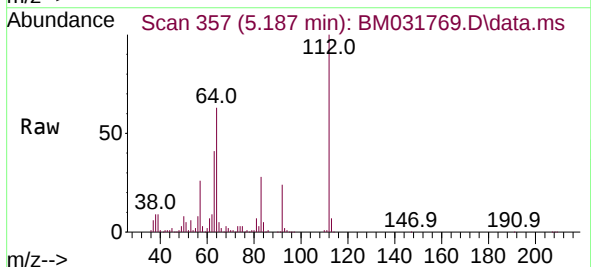
Instrument :
BNA_M
ClientSampleId :
34S

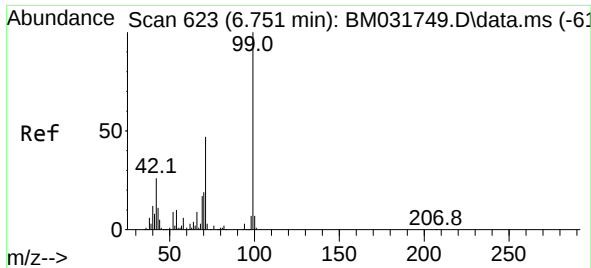
Tgt Ion:152 Resp: 32049
Ion Ratio Lower Upper
152 100
150 160.3 125.9 188.9
115 72.1 44.6 67.0#



#5
2-Fluorophenol
Concen: 172.118 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

Tgt Ion:112 Resp: 343689
Ion Ratio Lower Upper
112 100
64 63.2 47.1 70.7
63 40.8 27.3 40.9

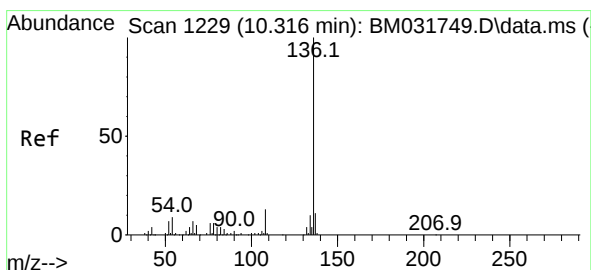
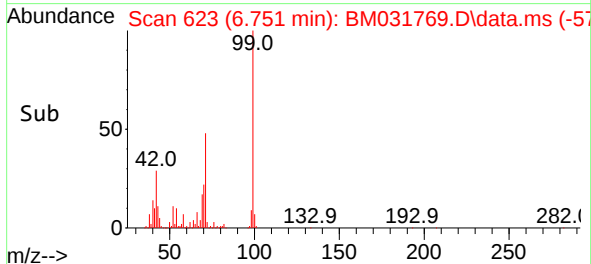
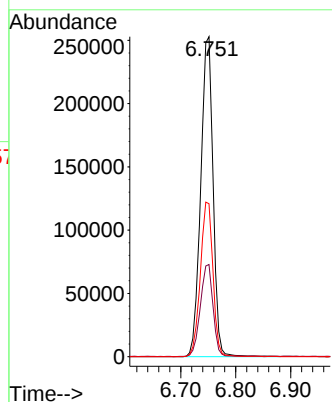
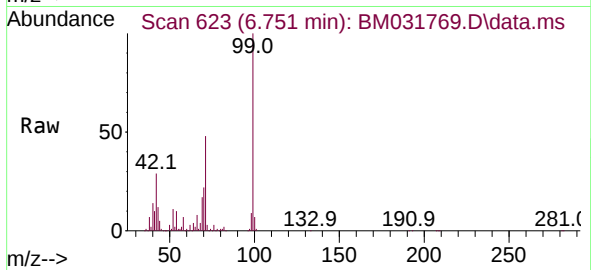




#7
Phenol-d6
Concen: 136.813 ng
RT: 6.751 min Scan# 623
Delta R.T. 0.000 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

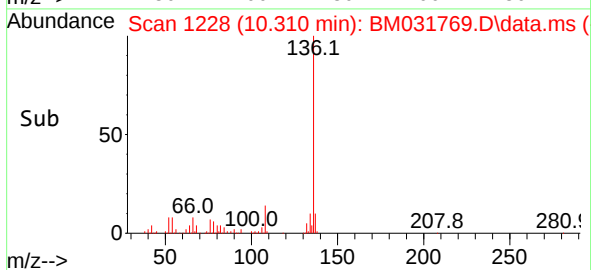
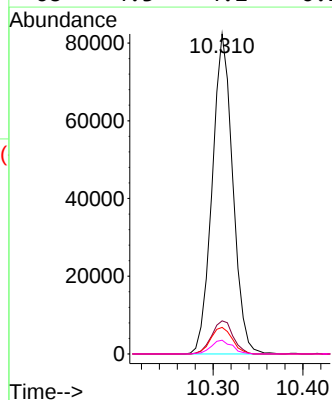
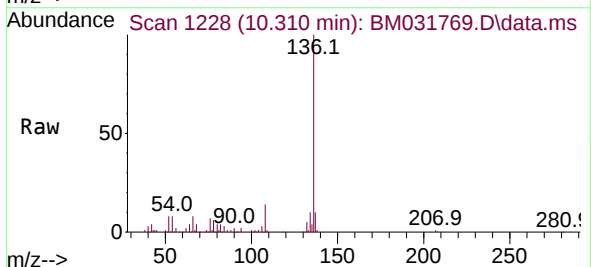
Instrument :
BNA_M
ClientSampleId :
34S

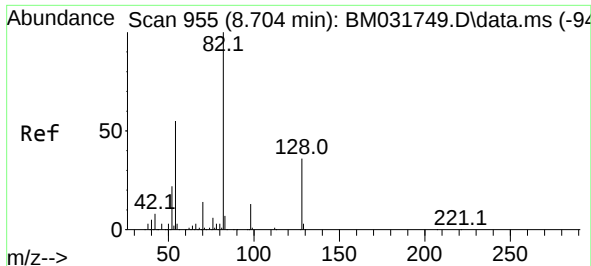
Tgt Ion: 99 Resp: 395861
Ion Ratio Lower Upper
99 100
42 28.8 18.0 27.0#
71 47.8 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

Tgt Ion: 136 Resp: 131080
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 8.3 5.5 8.3#
68 4.3 4.2 6.2

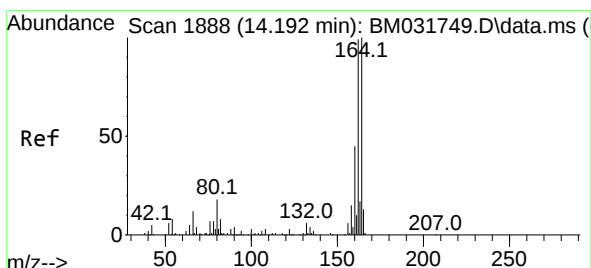
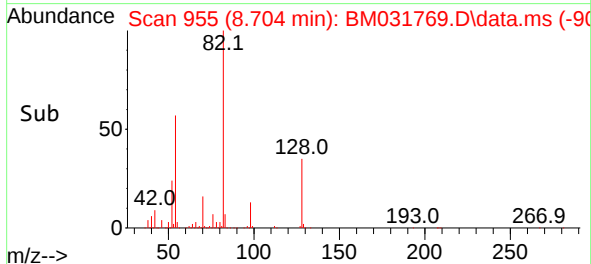
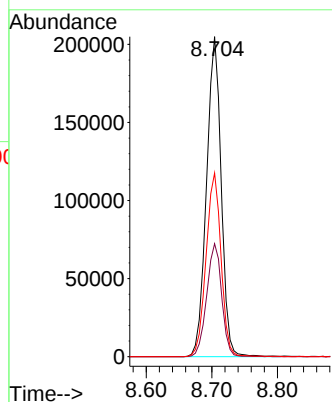
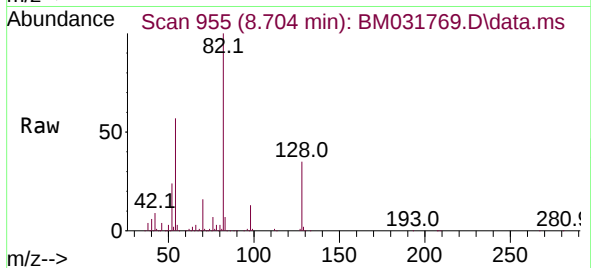




#23
Nitrobenzene-d5
Concen: 102.197 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

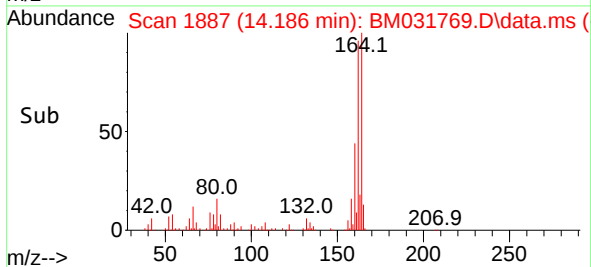
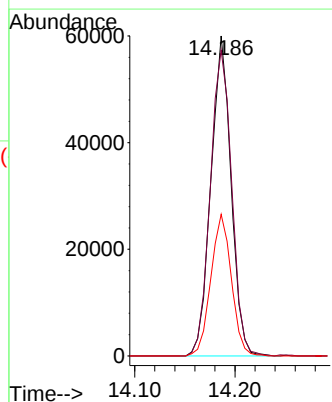
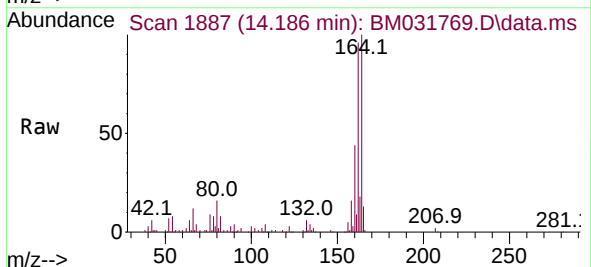
Instrument :
BNA_M
ClientSampled :
34S

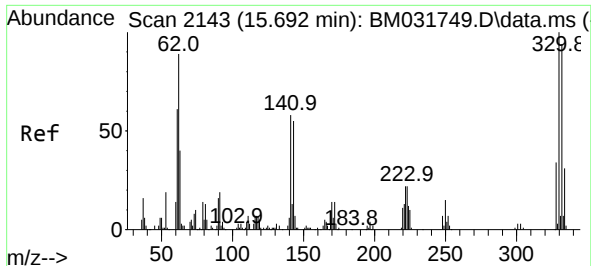
Tgt Ion: 82 Resp: 319934
Ion Ratio Lower Upper
82 100
128 35.3 31.1 46.7
54 57.4 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

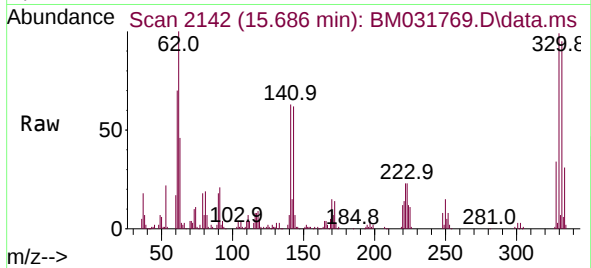
Tgt Ion: 164 Resp: 83499
Ion Ratio Lower Upper
164 100
162 95.6 83.4 125.0
160 44.3 37.2 55.8



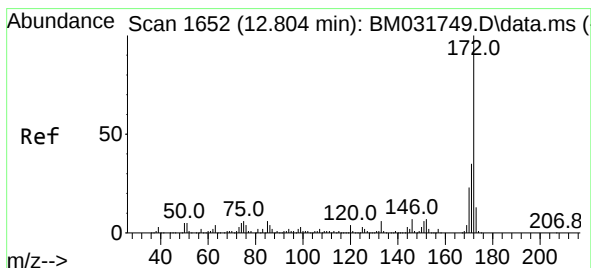
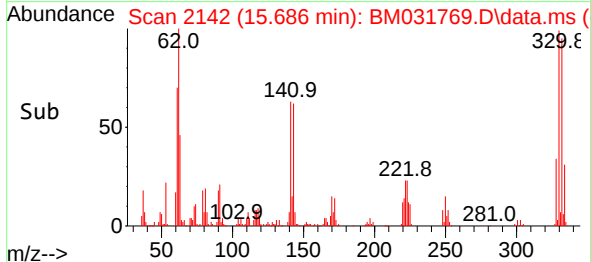
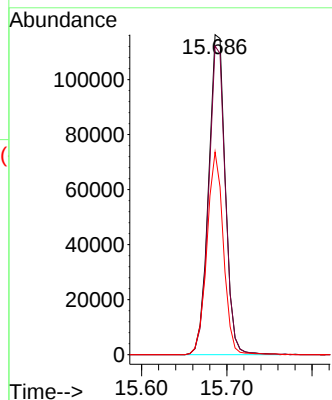


#42
2,4,6-Tribromophenol
Concen: 154.424 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

Instrument :
BNA_M
ClientSampleId :
34S

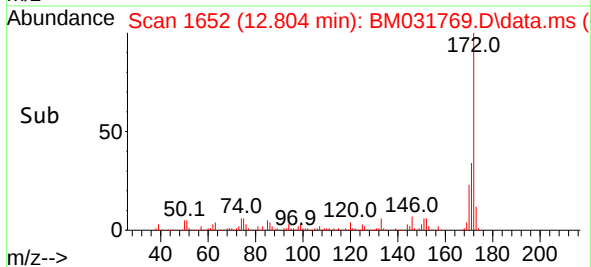
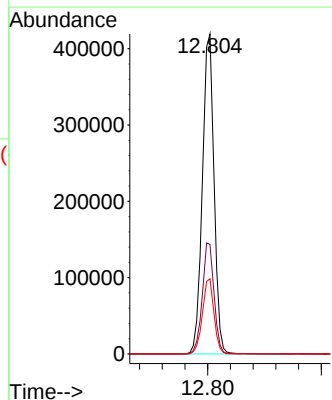
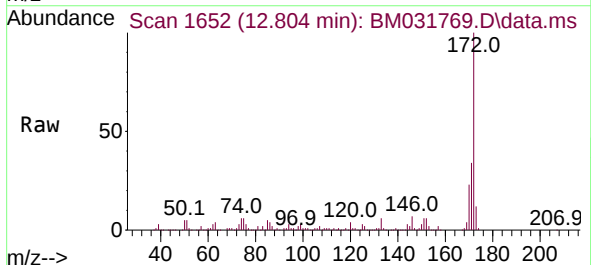


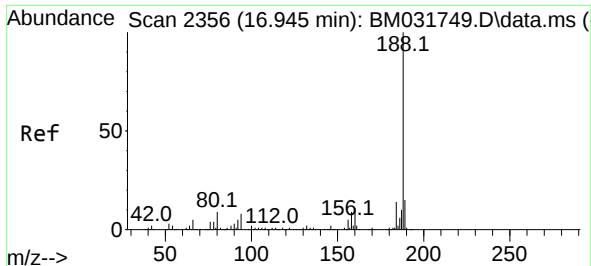
Tgt Ion:330 Resp: 158810
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 62.3 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 95.305 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

Tgt Ion:172 Resp: 597879
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.5 18.4 27.6

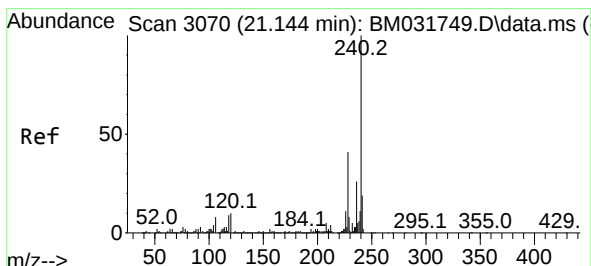
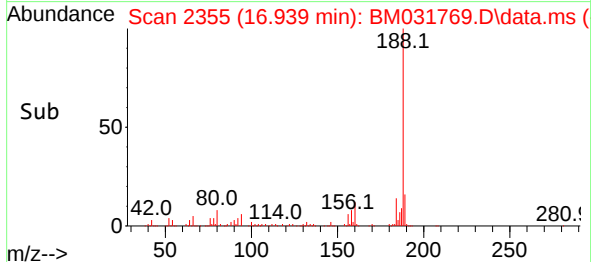
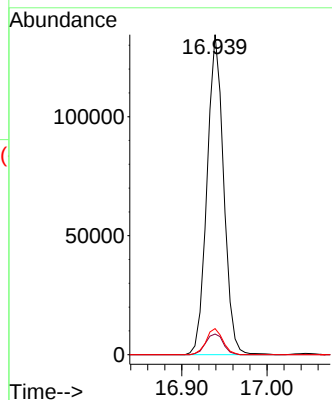
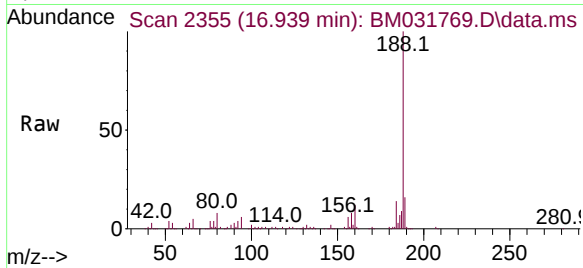




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

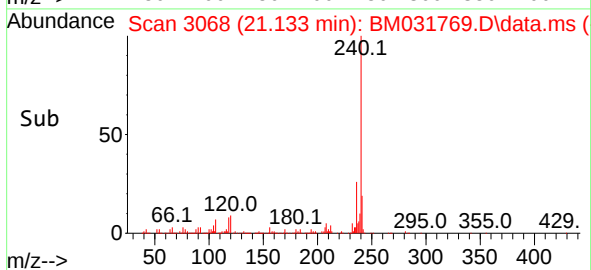
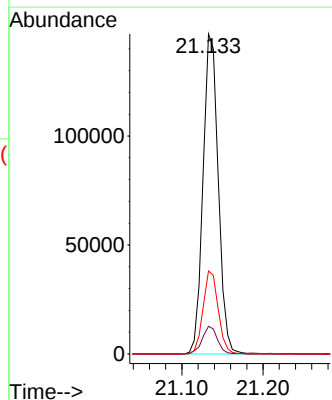
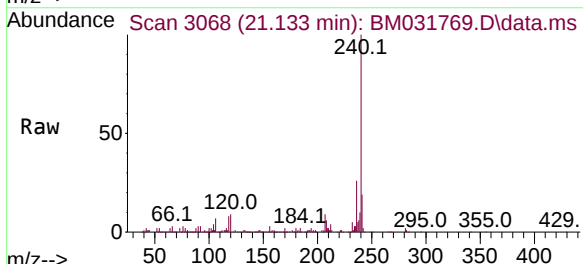
Instrument :
BNA_M
ClientSampled :
34S

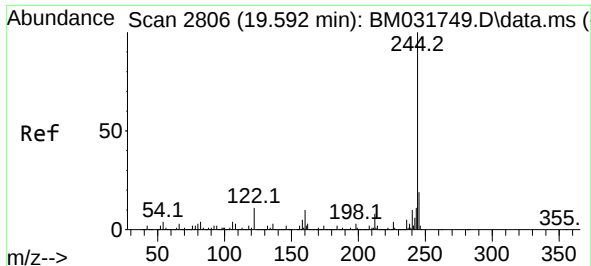
Tgt Ion:188	Resp: 182163
Ion Ratio	Lower Upper
188 100	
94 6.4	6.0 9.0
80 8.2	6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.012 min
Lab File: BM031769.D
Acq: 17 Aug 2021 02:26

Tgt Ion:240	Resp: 191137
Ion Ratio	Lower Upper
240 100	
120 8.6	7.0 10.6
236 25.9	21.0 31.4



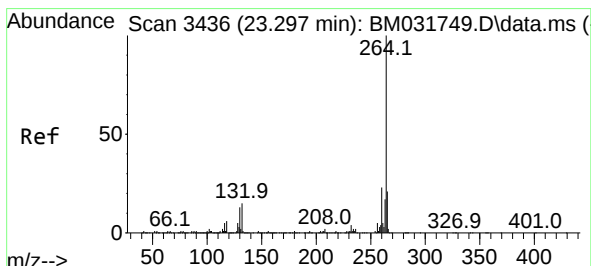
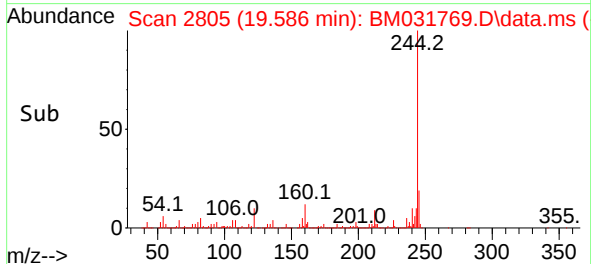
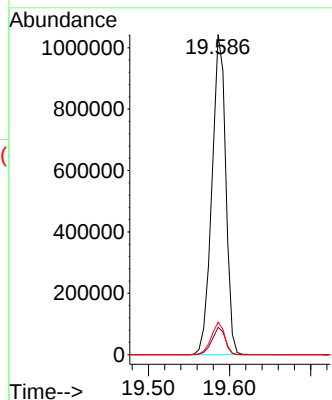
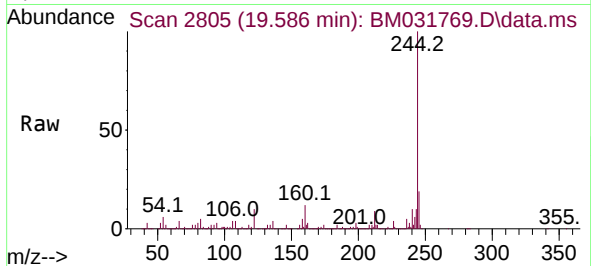


#79
 Terphenyl-d14
 Concen: 108.134 ng
 RT: 19.586 min Scan# 2805
 Delta R.T. -0.006 min
 Lab File: BM031769.D
 Acq: 17 Aug 2021 02:26

Instrument :
 BNA_M
 ClientSampleId :
 34S

Tgt Ion:244 Resp: 1226712

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	10.2	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: BM031769.D
 Acq: 17 Aug 2021 02:26

Tgt Ion:264 Resp: 190795

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.8	17.7	26.5

