

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031763.D
 Acq On : 16 Aug 2021 22:44
 Operator : CG/JU
 Sample : M3407-24
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 28S

Quant Time: Aug 17 03:10:34 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	32161	20.000	ng	0.00
21) Naphthalene-d8	10.310	136	131825	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	86836	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	194234	20.000	ng	0.00
76) Chrysene-d12	21.139	240	206671	20.000	ng	0.00
86) Perylene-d12	23.292	264	197848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	305309	152.365	ng	0.00
7) Phenol-d6	6.746	99	357747	123.210	ng	0.00
23) Nitrobenzene-d5	8.704	82	305578	97.060	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	171366	160.230	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	633862	97.158	ng	0.00
79) Terphenyl-d14	19.592	244	1346635	109.783	ng	0.00

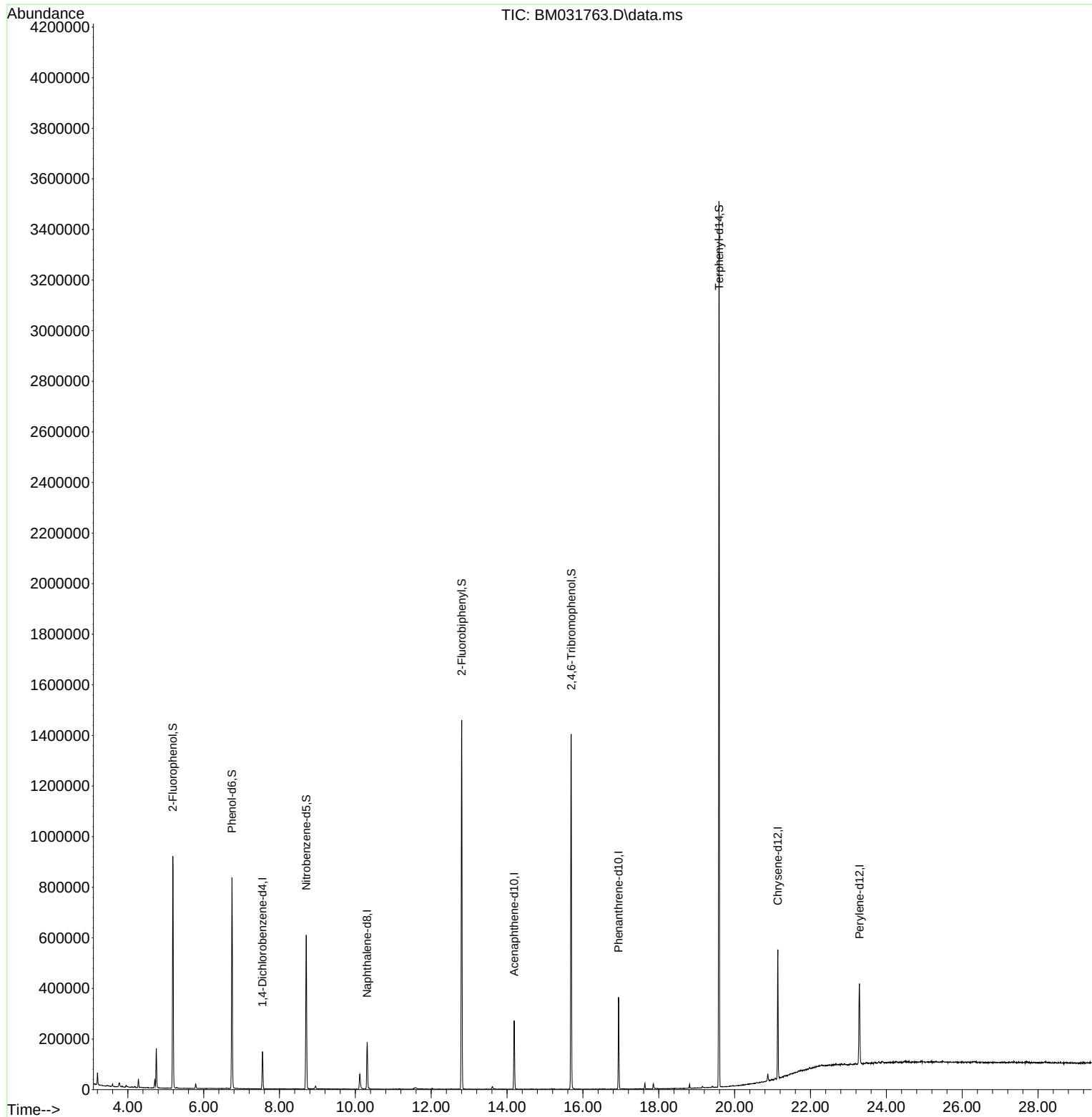
Target Compounds	Qvalue

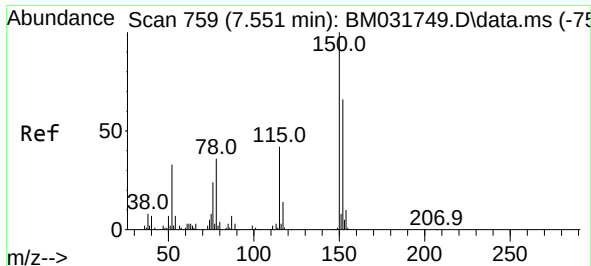
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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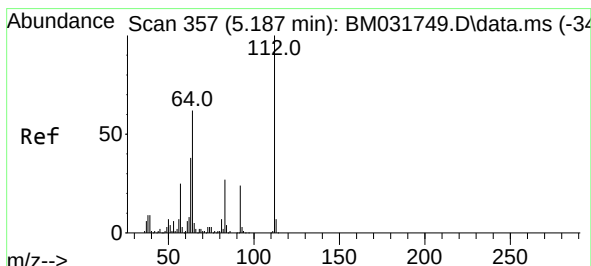
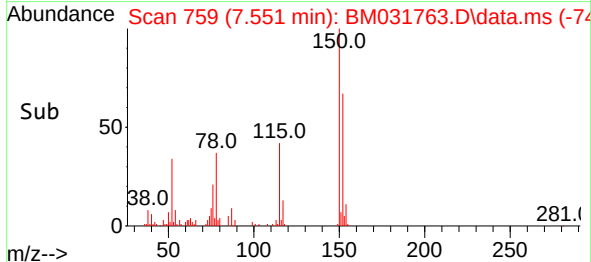
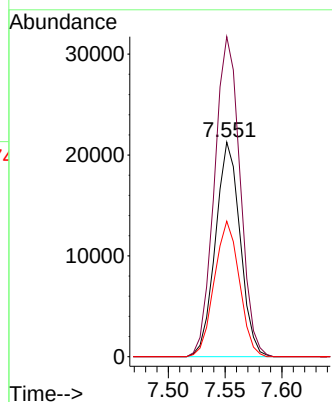
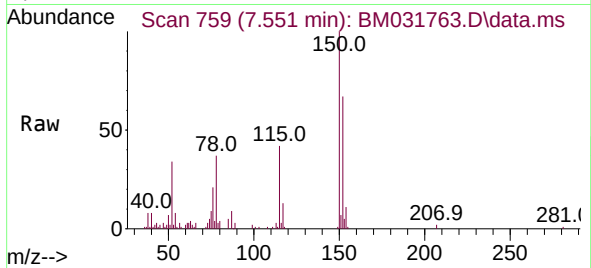




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

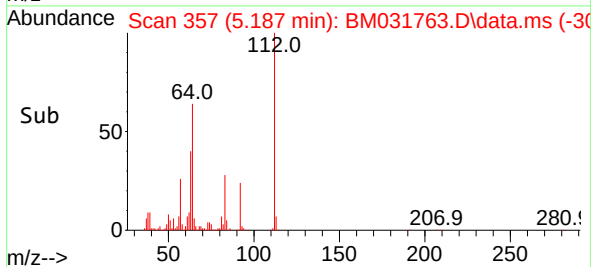
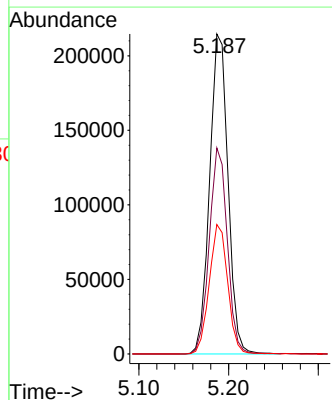
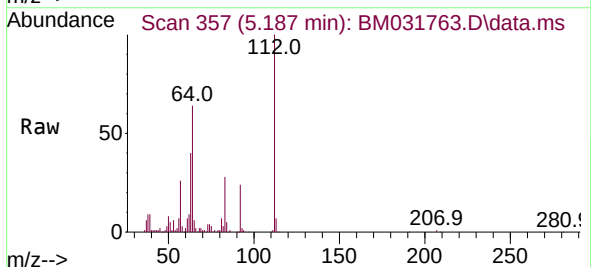
Instrument :
BNA_M
ClientSampleId :
28S

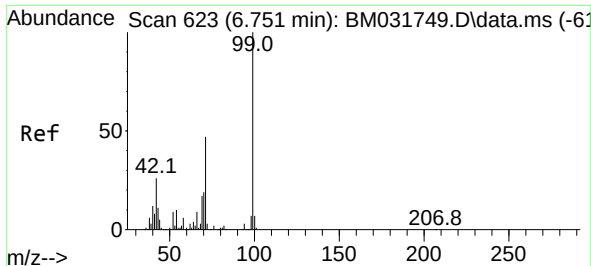
Tgt Ion:152 Resp: 32161
Ion Ratio Lower Upper
152 100
150 149.1 125.9 188.9
115 63.2 44.6 67.0



#5
2-Fluorophenol
Concen: 152.365 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

Tgt Ion:112 Resp: 305309
Ion Ratio Lower Upper
112 100
64 64.4 47.1 70.7
63 40.4 27.3 40.9

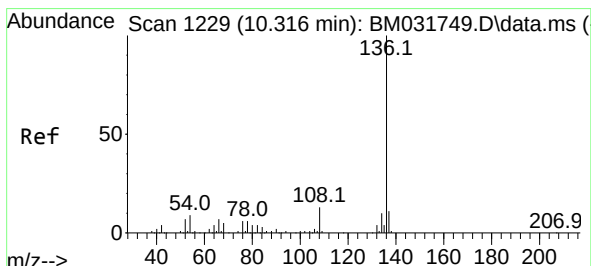
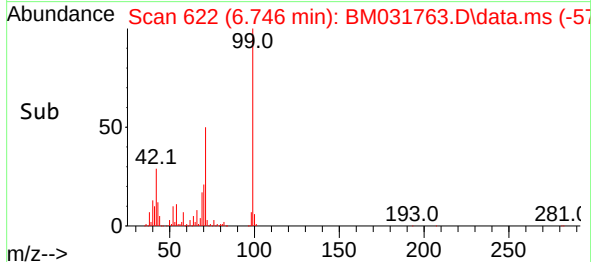
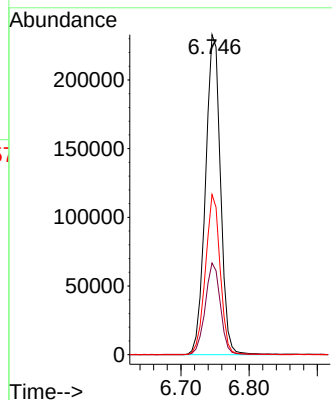
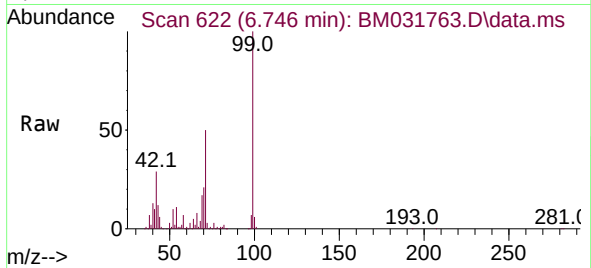




#7
Phenol-d6
Concen: 123.210 ng
RT: 6.746 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

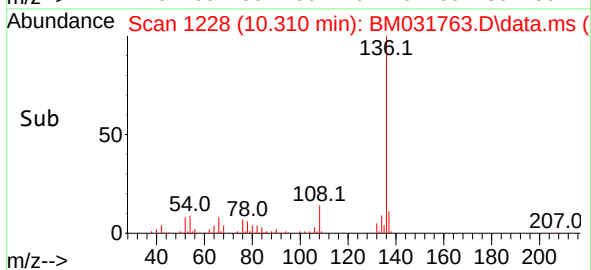
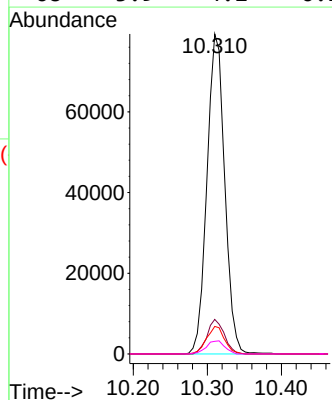
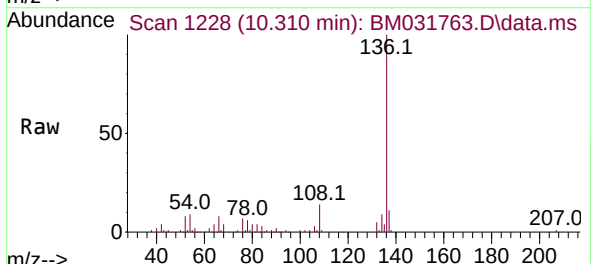
Instrument :
BNA_M
ClientSampleId :
28S

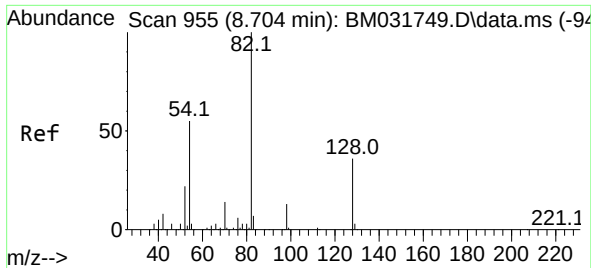
Tgt Ion: 99 Resp: 357747
Ion Ratio Lower Upper
99 100
42 28.6 18.0 27.0#
71 50.1 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

Tgt Ion: 136 Resp: 131825
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.6 5.5 8.3#
68 3.9 4.2 6.2#

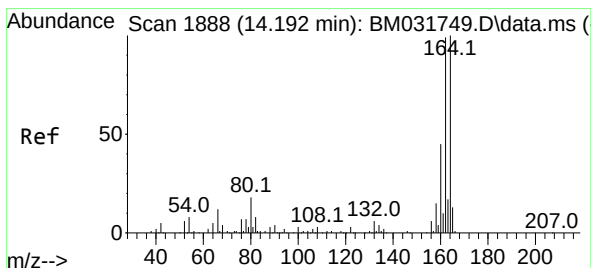
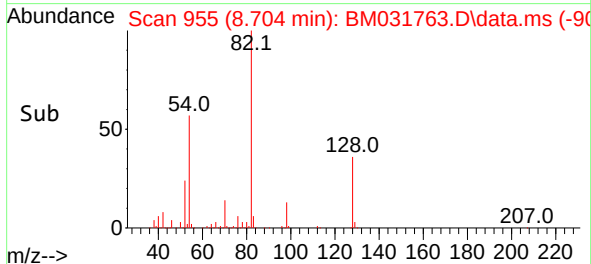
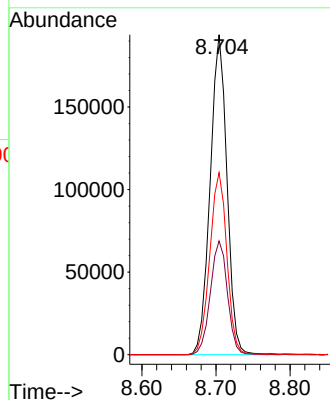
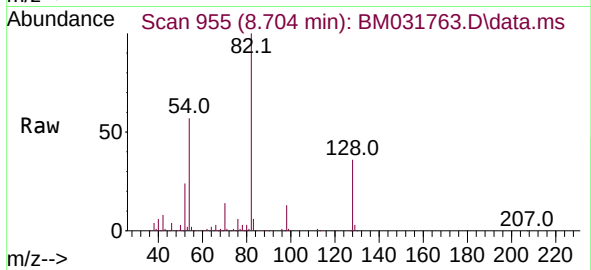




#23
Nitrobenzene-d5
Concen: 97.060 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

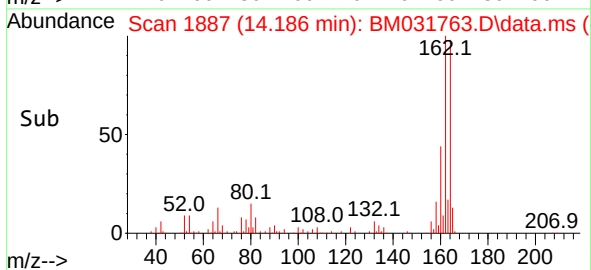
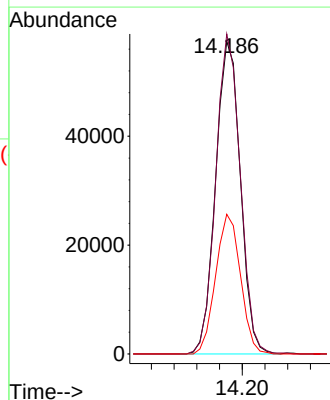
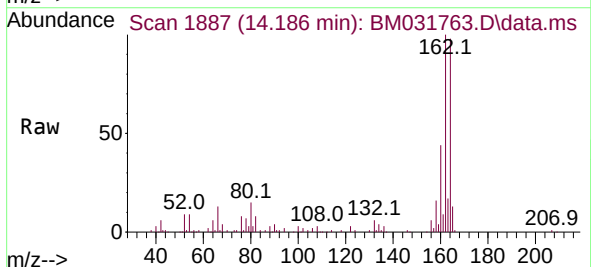
Instrument :
BNA_M
ClientSampleId :
28S

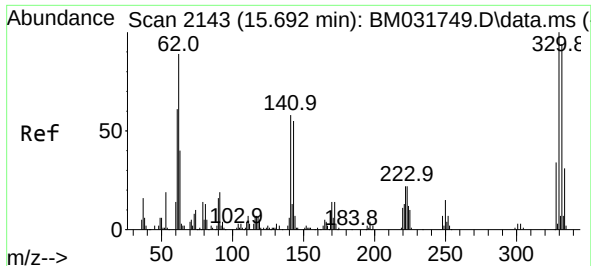
Tgt Ion: 82 Resp: 305578
Ion Ratio Lower Upper
82 100
128 35.5 31.1 46.7
54 56.9 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

Tgt Ion:164 Resp: 86836
Ion Ratio Lower Upper
164 100
162 102.4 83.4 125.0
160 44.7 37.2 55.8

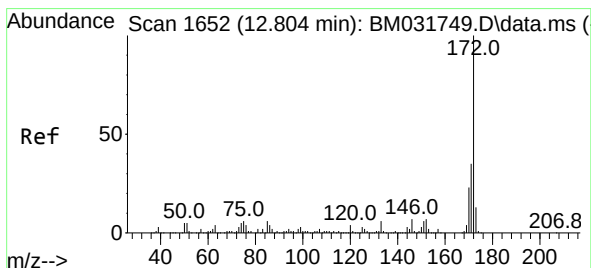
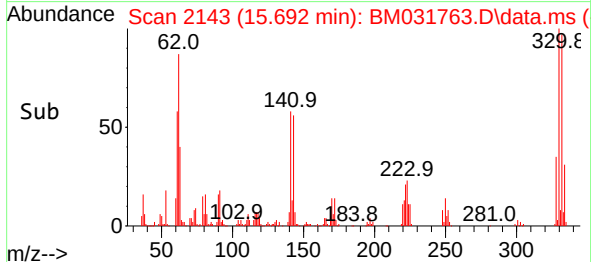
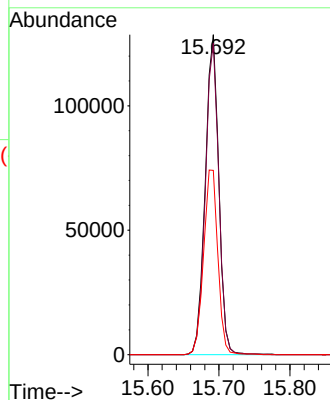
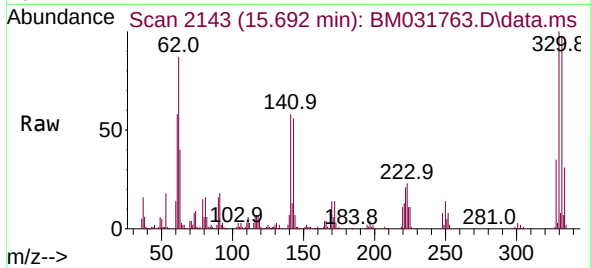




#42
2,4,6-Tribromophenol
Concen: 160.230 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

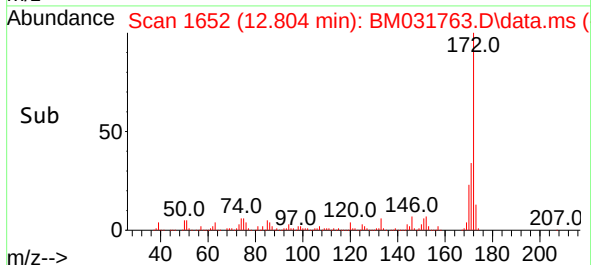
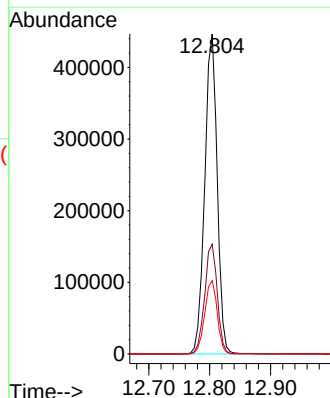
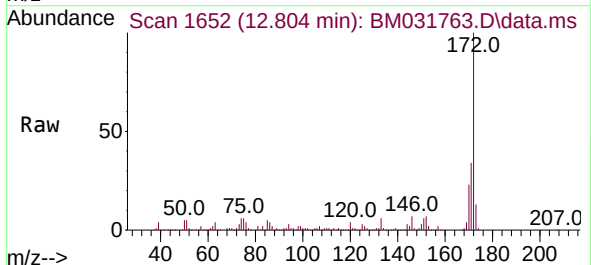
Instrument :
BNA_M
ClientSampleId :
28S

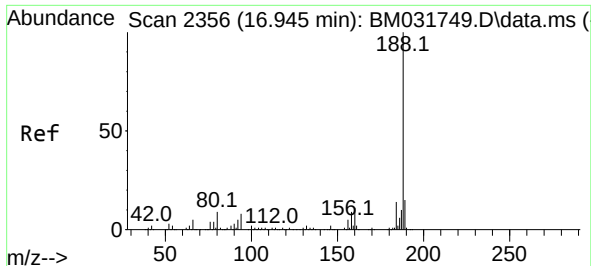
Tgt Ion:330 Resp: 171366
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 60.8 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 97.158 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

Tgt Ion:172 Resp: 633862
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 22.9 18.4 27.6

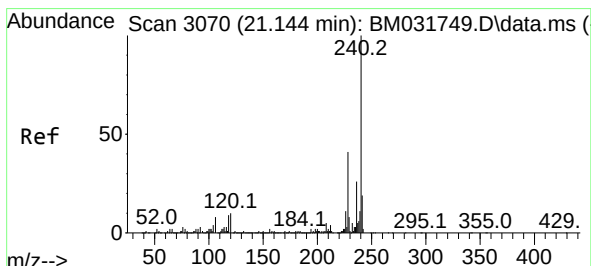
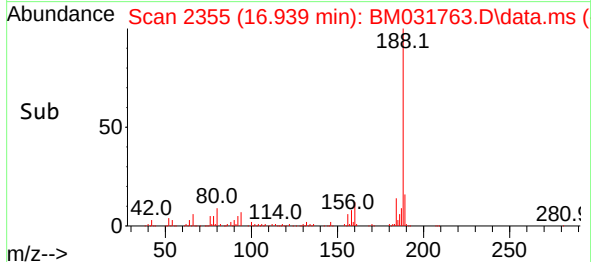
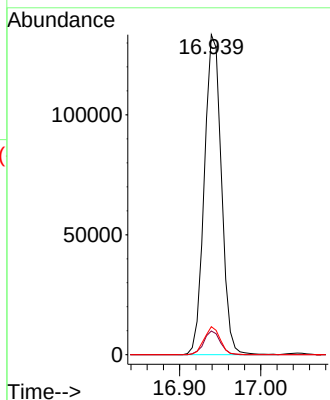
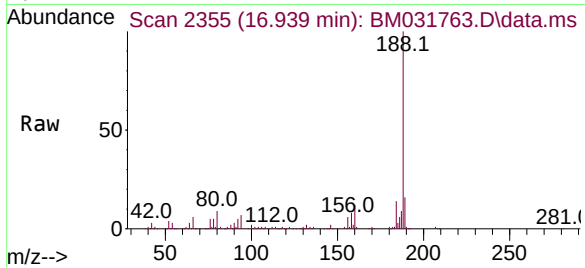




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

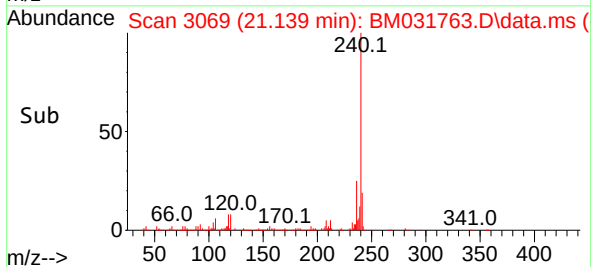
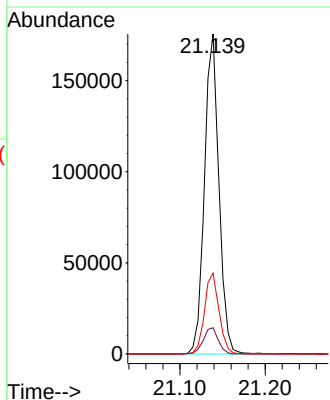
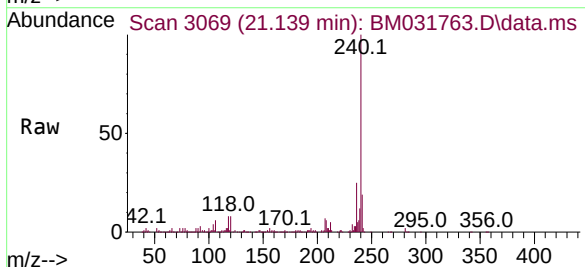
Instrument :
BNA_M
ClientSampled :
28S

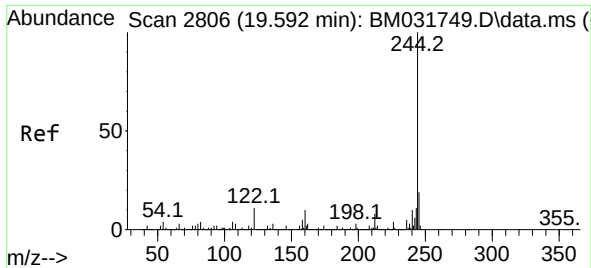
Tgt Ion:188	Resp:	194234
Ion	Ratio	Lower Upper
188	100	
94	7.4	6.0 9.0
80	8.8	6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM031763.D
Acq: 16 Aug 2021 22:44

Tgt Ion:240	Resp:	206671
Ion	Ratio	Lower Upper
240	100	
120	8.2	7.0 10.6
236	25.3	21.0 31.4



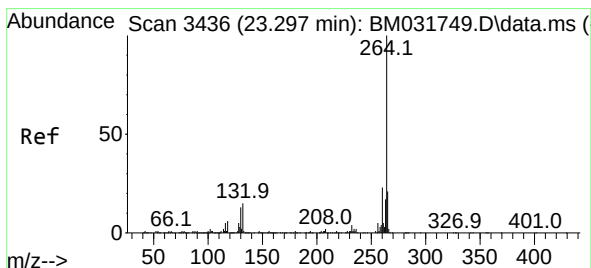
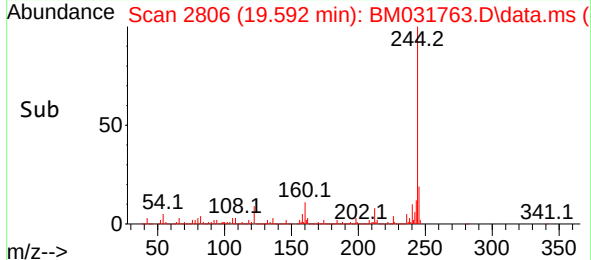
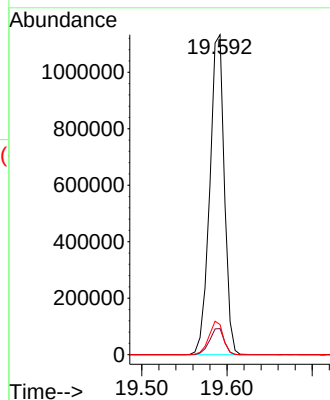
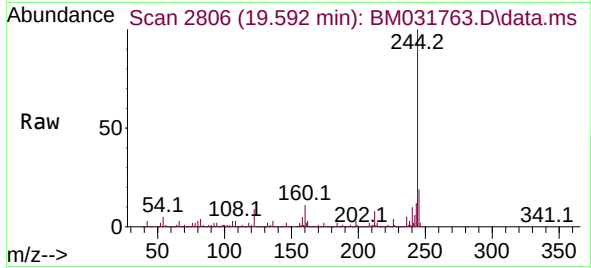


#79
 Terphenyl-d14
 Concen: 109.783 ng
 RT: 19.592 min Scan# 2806
 Delta R.T. 0.000 min
 Lab File: BM031763.D
 Acq: 16 Aug 2021 22:44

Instrument :
 BNA_M
 ClientSampled :
 28S

Tgt Ion:244 Resp: 1346635

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	9.4	6.9	10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.292 min Scan# 3435
 Delta R.T. -0.006 min
 Lab File: BM031763.D
 Acq: 16 Aug 2021 22:44

Tgt Ion:264 Resp: 197848

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.8	29.8
265	21.2	17.7	26.5

