

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031761.D
 Acq On : 16 Aug 2021 21:29
 Operator : CG/JU
 Sample : M3407-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 27S

Quant Time: Aug 17 03:10:13 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	36164	20.000	ng	0.00
21) Naphthalene-d8	10.310	136	144683	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	94744	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	208534	20.000	ng	0.00
76) Chrysene-d12	21.139	240	212601	20.000	ng	0.00
86) Perylene-d12	23.292	264	204760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	336788	149.470	ng	0.00
7) Phenol-d6	6.751	99	369080	113.043	ng	0.00
23) Nitrobenzene-d5	8.704	82	351895	101.838	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	180726	154.877	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	697274	97.957	ng	0.00
79) Terphenyl-d14	19.592	244	1380371	109.395	ng	0.00

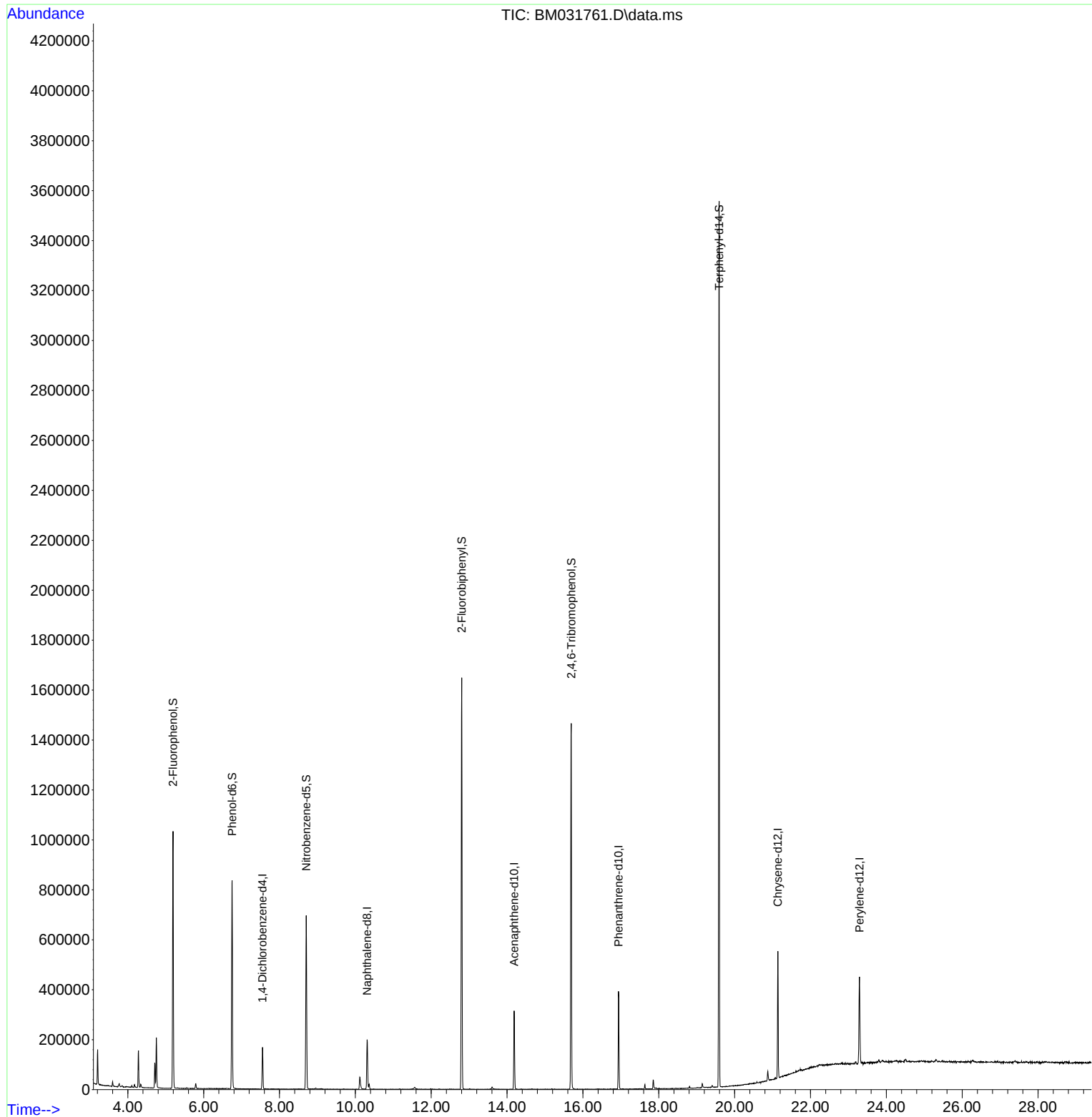
Target Compounds	Qvalue

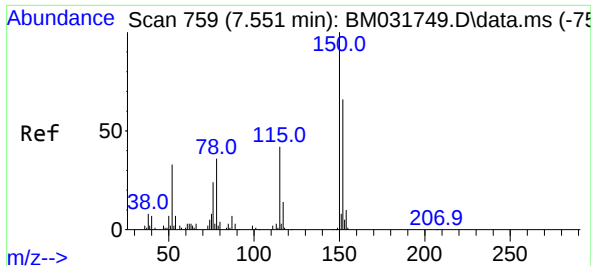
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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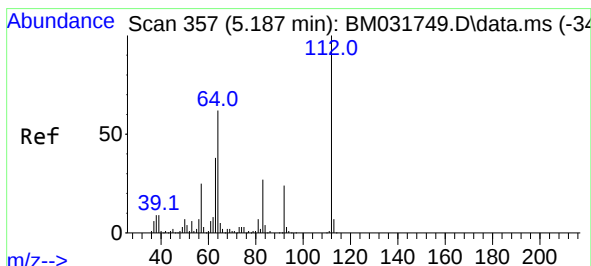
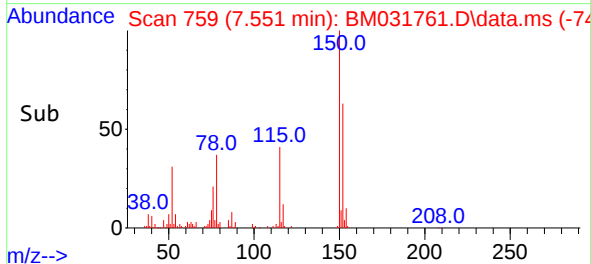
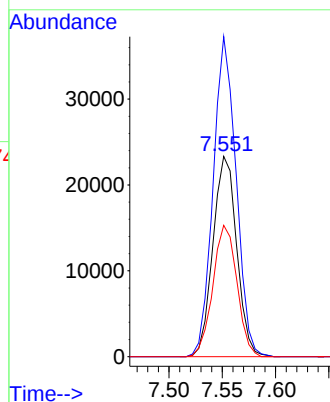
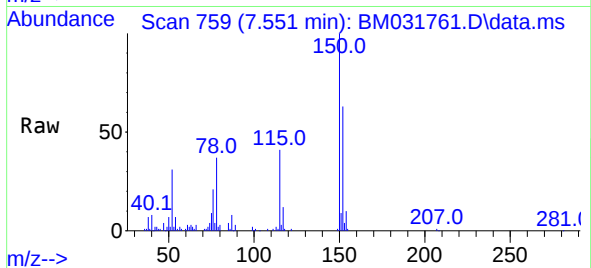




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

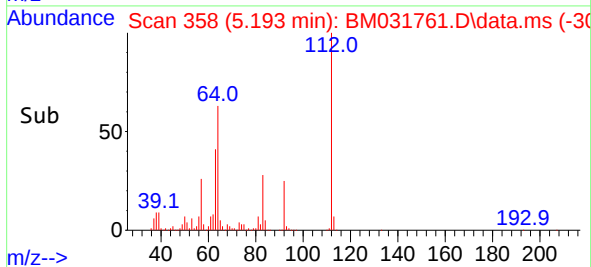
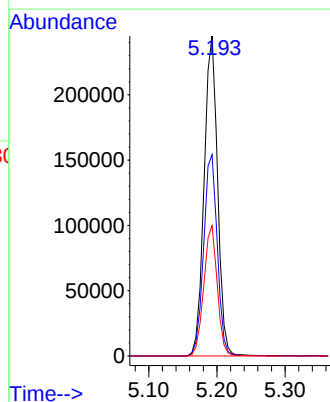
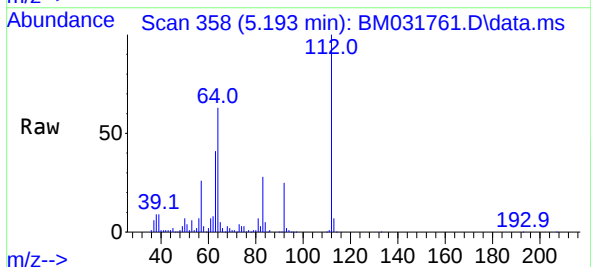
Instrument :
BNA_M
ClientSampleId :
27S

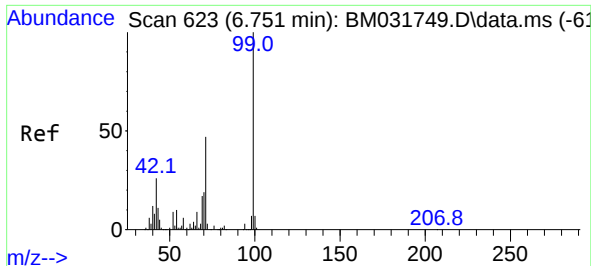
Tgt Ion:152 Resp: 36164
Ion Ratio Lower Upper
152 100
150 159.7 125.9 188.9
115 65.6 44.6 67.0



#5
2-Fluorophenol
Concen: 149.470 ng
RT: 5.193 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

Tgt Ion:112 Resp: 336788
Ion Ratio Lower Upper
112 100
64 62.9 47.1 70.7
63 40.8 27.3 40.9

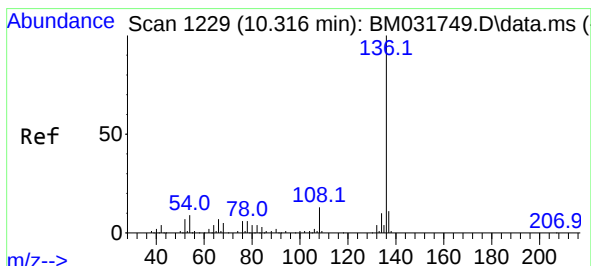
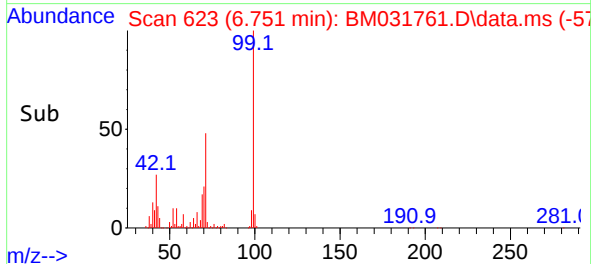
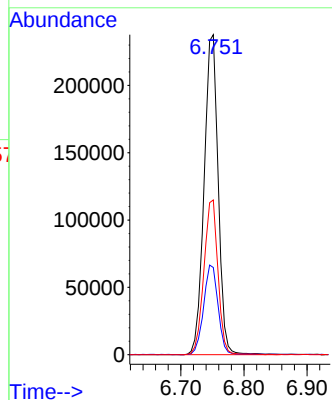
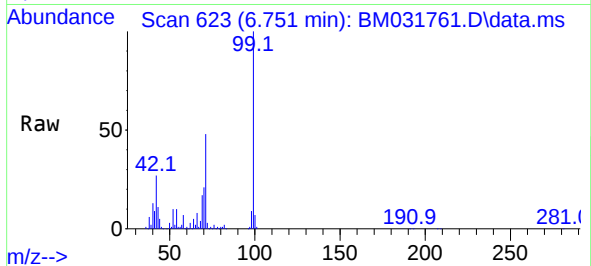




#7
Phenol-d6
Concen: 113.043 ng
RT: 6.751 min Scan# 623
Delta R.T. 0.000 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

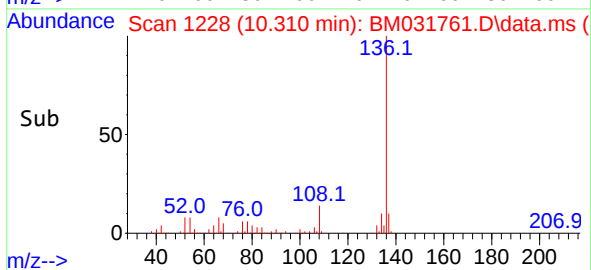
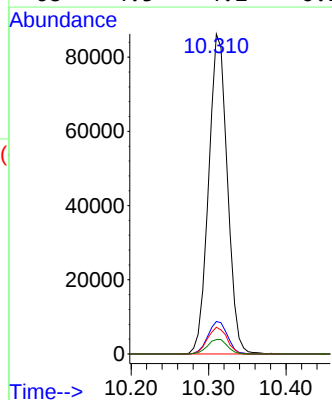
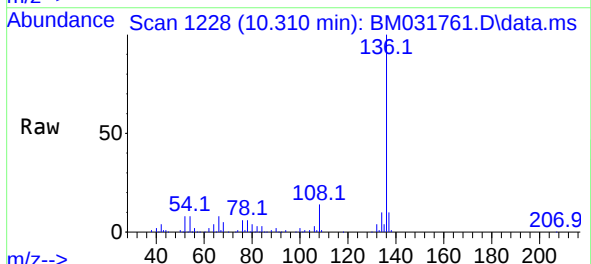
Instrument :
BNA_M
ClientSampleId :
27S

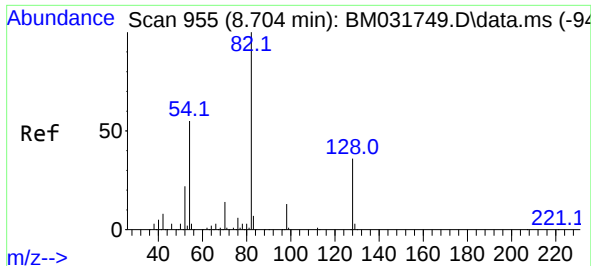
Tgt Ion: 99 Resp: 369080
Ion Ratio Lower Upper
99 100
42 27.2 18.0 27.0#
71 48.4 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

Tgt Ion: 136 Resp: 144683
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 8.3 5.5 8.3#
68 4.5 4.2 6.2

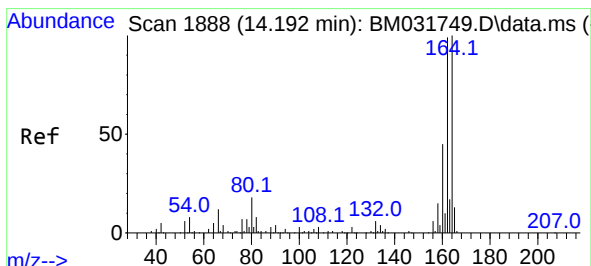
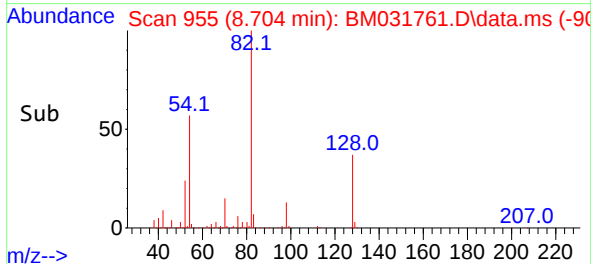
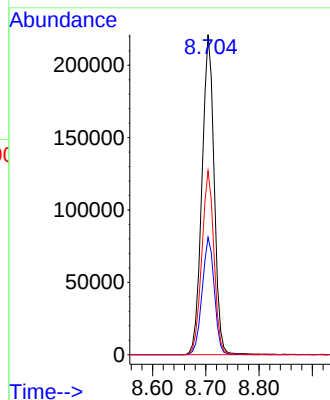
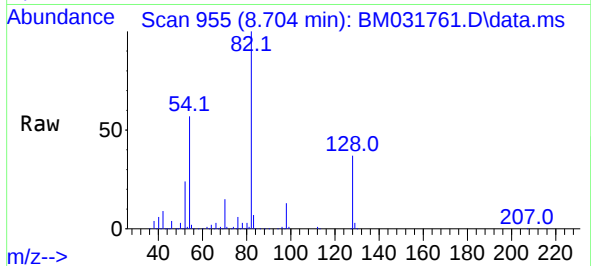




#23
Nitrobenzene-d5
Concen: 101.838 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

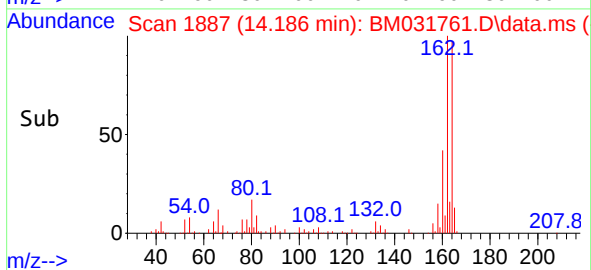
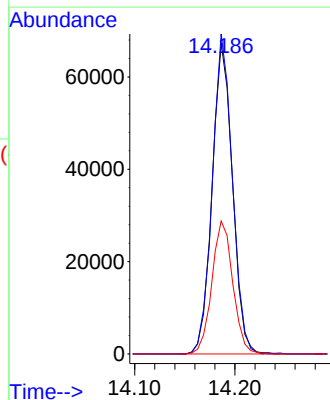
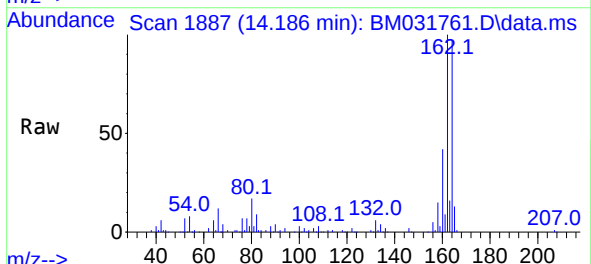
Instrument :
BNA_M
ClientSampleId :
27S

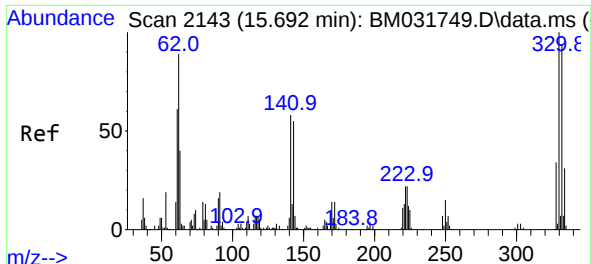
Tgt Ion: 82 Resp: 351895
Ion Ratio Lower Upper
82 100
128 36.7 31.1 46.7
54 57.4 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

Tgt Ion:164 Resp: 94744
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.0
160 42.8 37.2 55.8

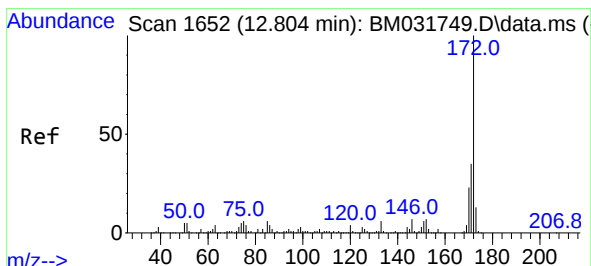
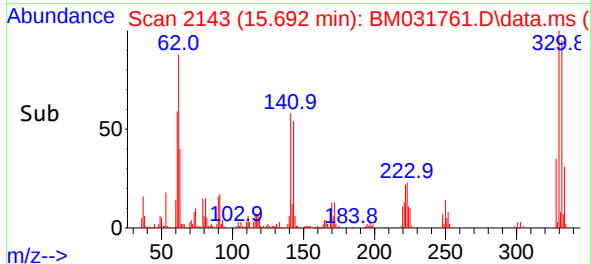
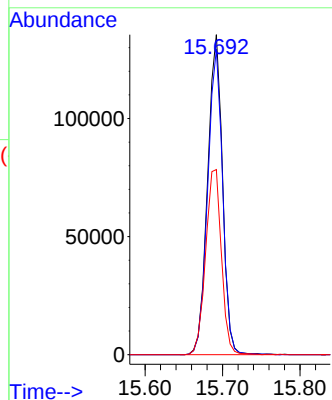
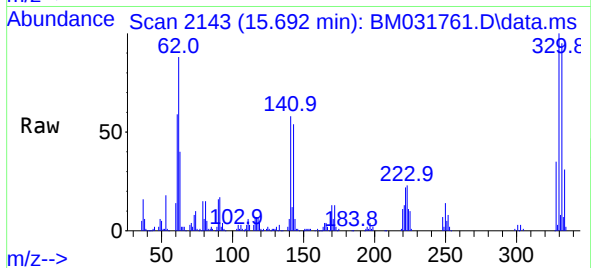




#42
2,4,6-Tribromophenol
Concen: 154.877 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

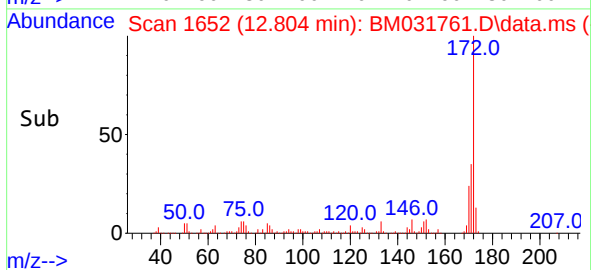
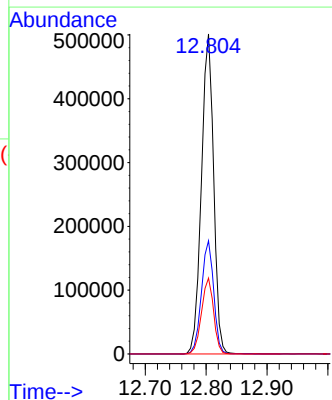
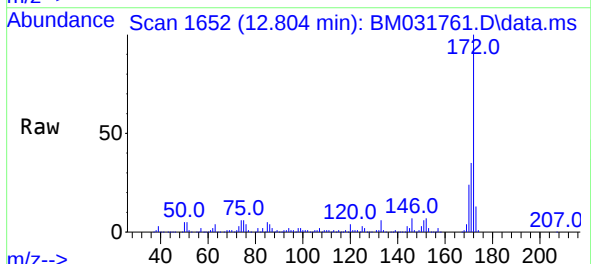
Instrument :
BNA_M
ClientSampleId :
27S

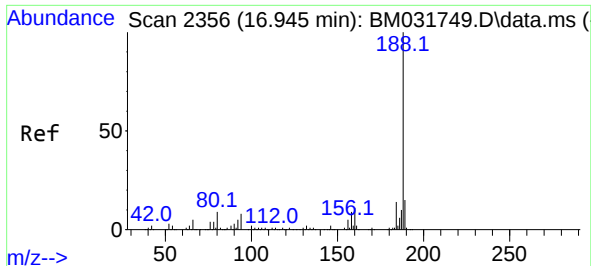
Tgt Ion:330 Resp: 180726
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 61.4 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 97.957 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

Tgt Ion:172 Resp: 697274
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 18.4 27.6



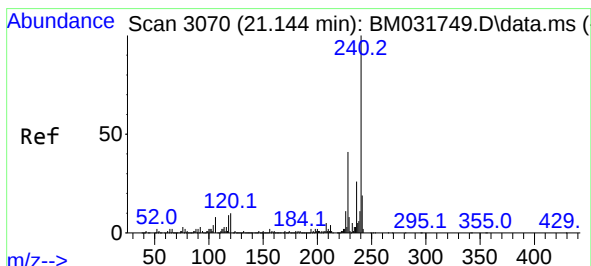
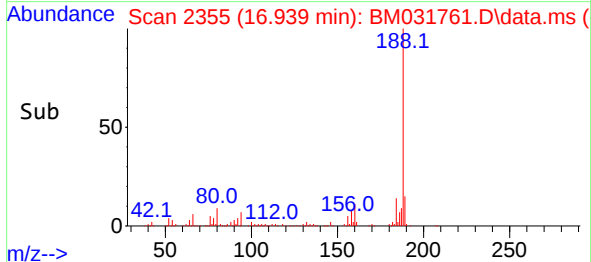
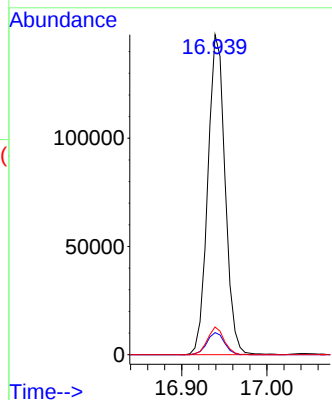
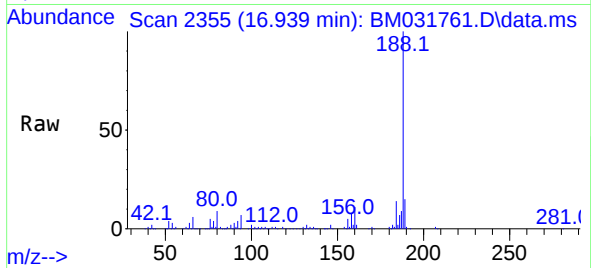


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

Instrument :
BNA_M
ClientSampled :
27S

Tgt Ion:188 Resp: 208534

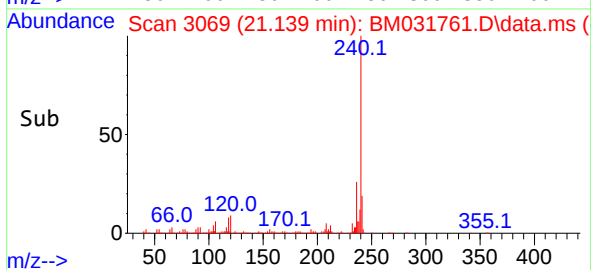
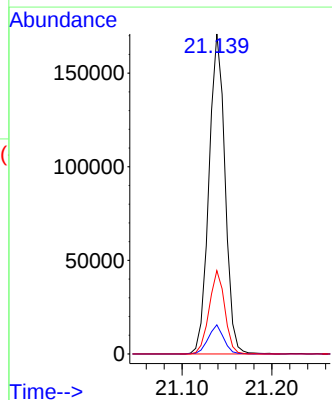
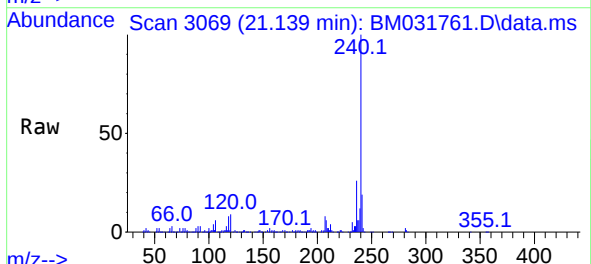
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.0	9.0
80	8.7	6.6	9.8

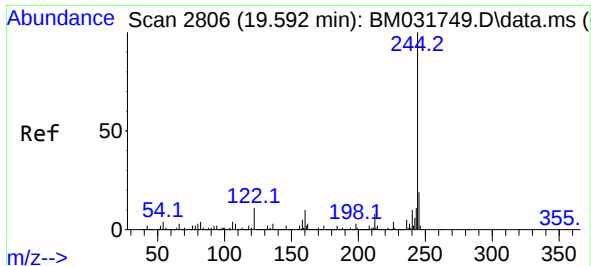


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM031761.D
Acq: 16 Aug 2021 21:29

Tgt Ion:240 Resp: 212601

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	26.1	21.0	31.4



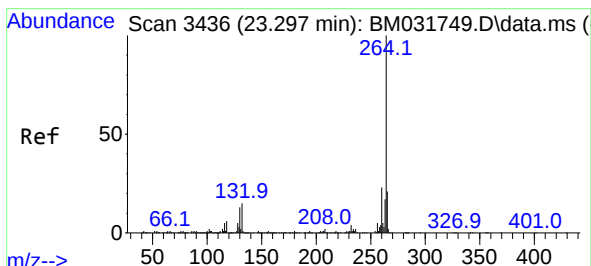
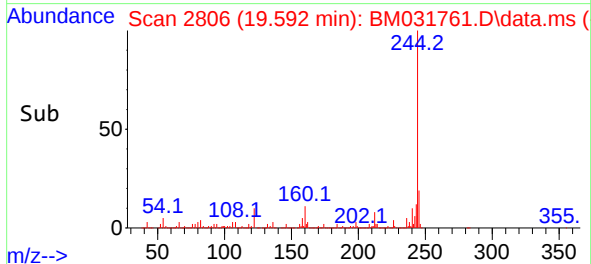
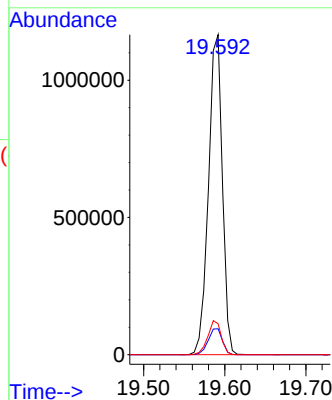
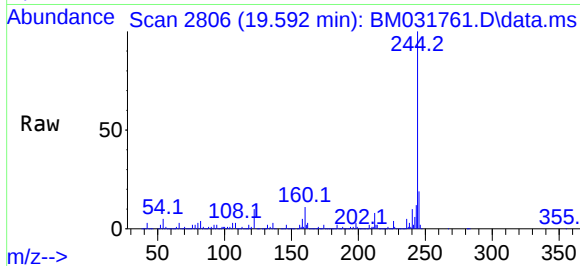


#79
 Terphenyl-d14
 Concen: 109.395 ng
 RT: 19.592 min Scan# 2806
 Delta R.T. 0.000 min
 Lab File: BM031761.D
 Acq: 16 Aug 2021 21:29

Instrument :
 BNA_M
 ClientSampled :
 27S

Tgt Ion:244 Resp: 1380371

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	9.6	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: BM031761.D
 Acq: 16 Aug 2021 21:29

Tgt Ion:264 Resp: 204760

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	21.7	17.7	26.5

