

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031772.D
 Acq On : 17 Aug 2021 04:17
 Operator : CG/JU
 Sample : M3407-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 25S

Quant Time: Aug 17 07:28:44 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	50839	20.000	ng	0.00
21) Naphthalene-d8	10.310	136	221871	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	147082	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	309506	20.000	ng	0.00
76) Chrysene-d12	21.139	240	271626	20.000	ng	0.00
86) Perylene-d12	23.286	264	224632	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	439099	138.624	ng	0.00
7) Phenol-d6	6.745	99	512269	111.609	ng	0.00
23) Nitrobenzene-d5	8.704	82	458437	86.516	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	241177	133.136	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	953914	86.324	ng	0.00
79) Terphenyl-d14	19.586	244	1695271	105.156	ng	0.00

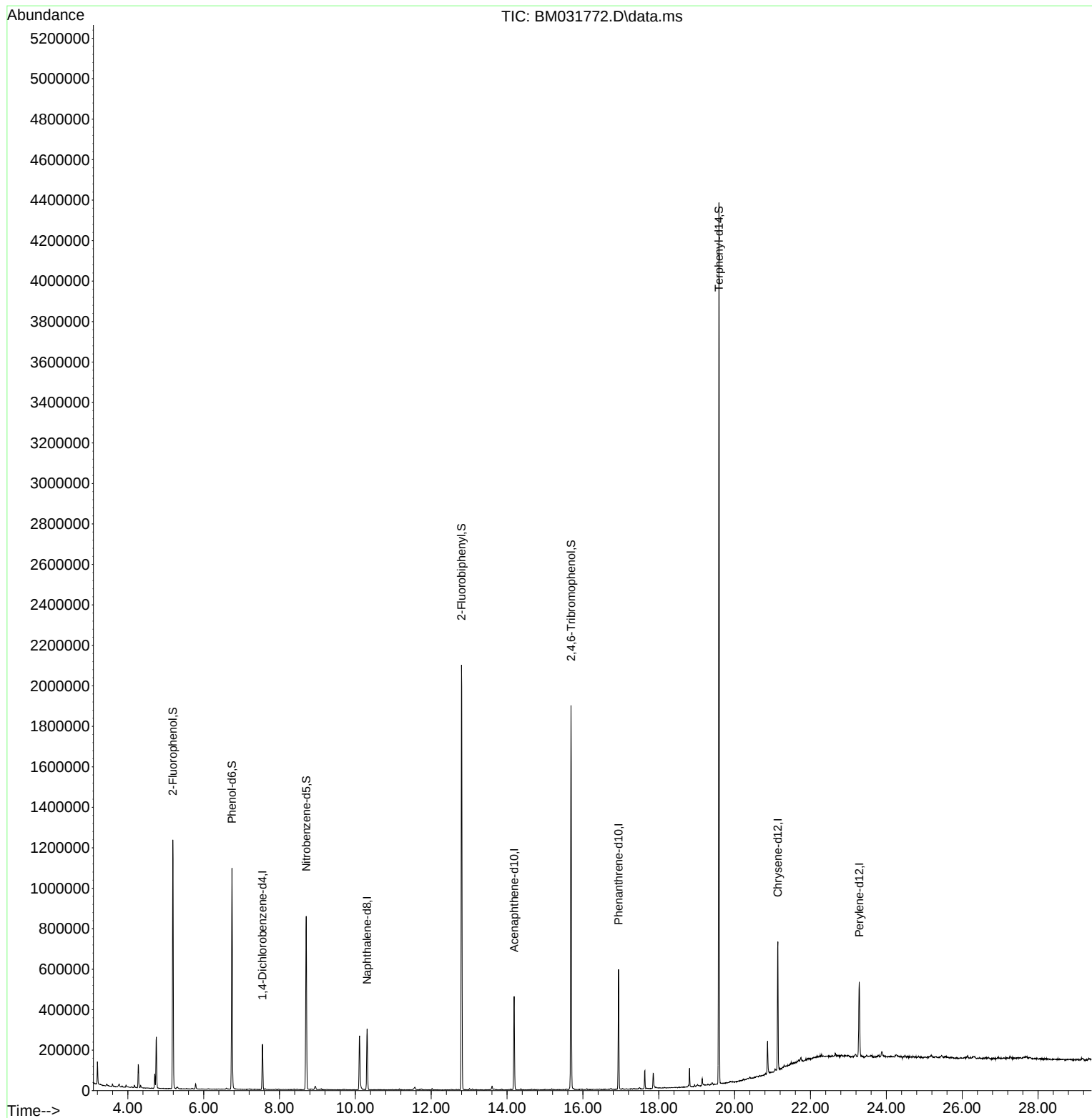
Target Compounds	Qvalue

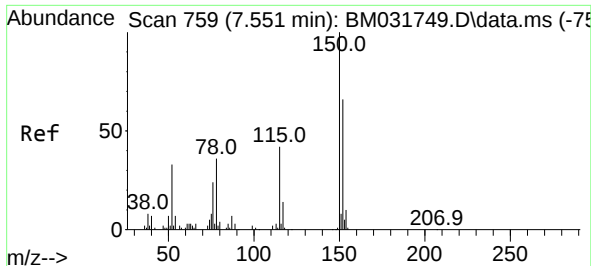
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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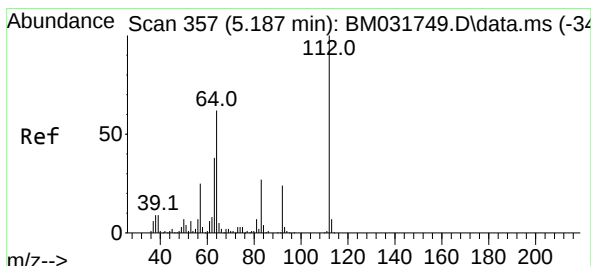
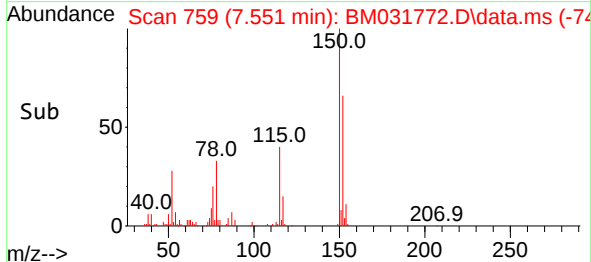
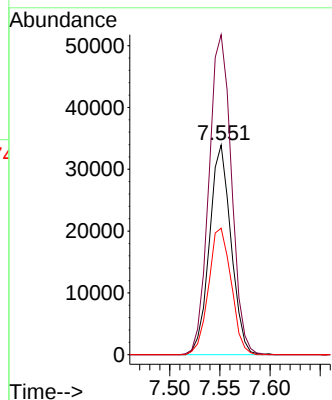
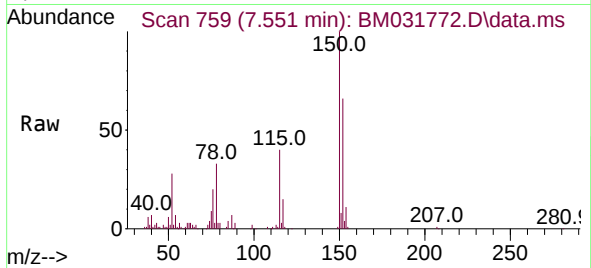




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

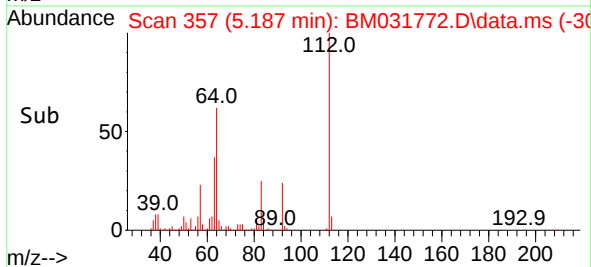
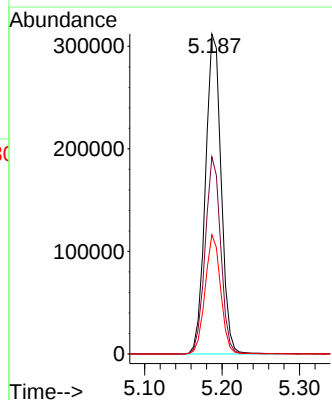
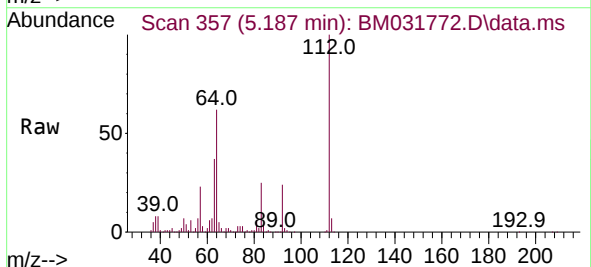
Instrument :
BNA_M
ClientSampleId :
25S

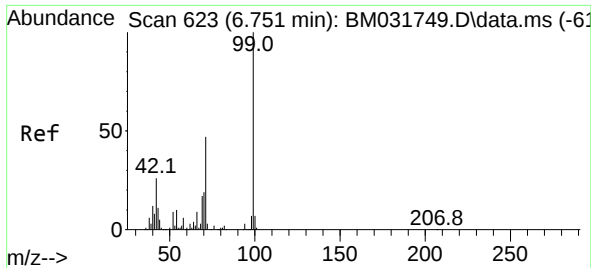
Tgt Ion:152 Resp: 50839
Ion Ratio Lower Upper
152 100
150 152.5 125.9 188.9
115 60.3 44.6 67.0



#5
2-Fluorophenol
Concen: 138.624 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

Tgt Ion:112 Resp: 439099
Ion Ratio Lower Upper
112 100
64 61.6 47.1 70.7
63 37.3 27.3 40.9

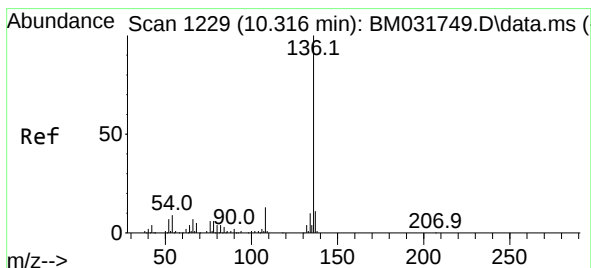
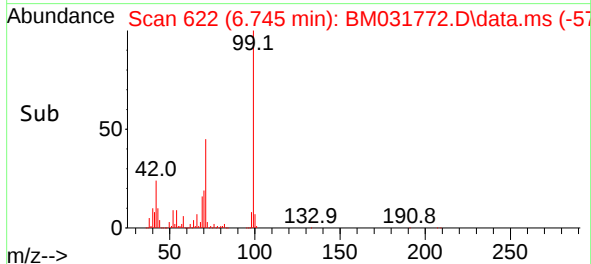
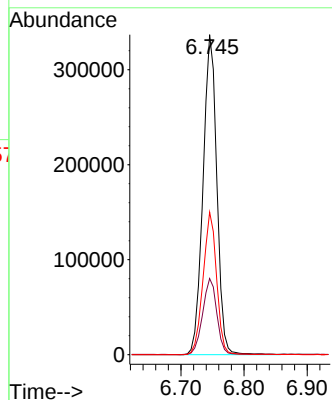
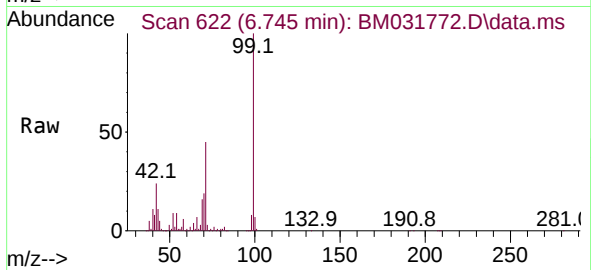




#7
Phenol-d6
Concen: 111.609 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

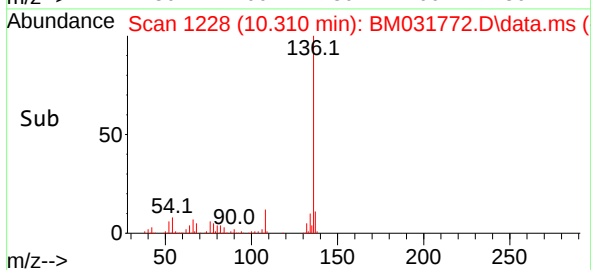
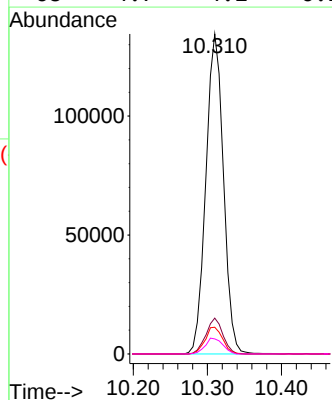
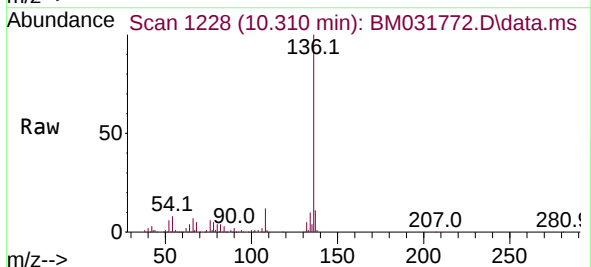
Instrument :
BNA_M
ClientSampleId :
25S

Tgt Ion: 99 Resp: 512269
Ion Ratio Lower Upper
99 100
42 23.8 18.0 27.0
71 44.6 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: BM031772.D
Acq: 17 Aug 2021 04:17

Tgt Ion: 136 Resp: 221871
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.3 5.5 8.3#
68 4.7 4.2 6.2

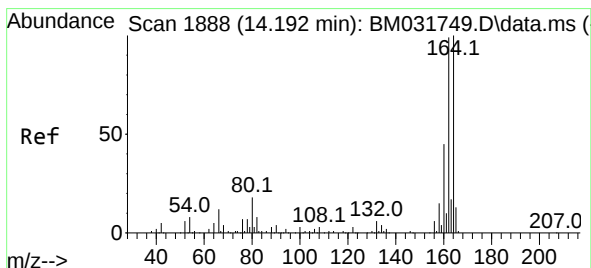
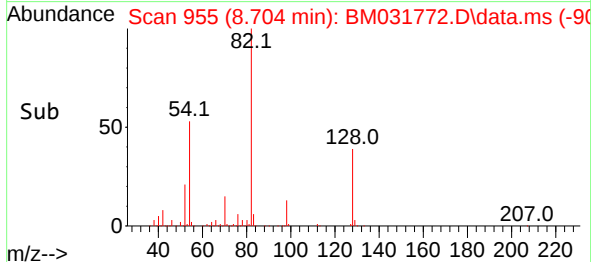
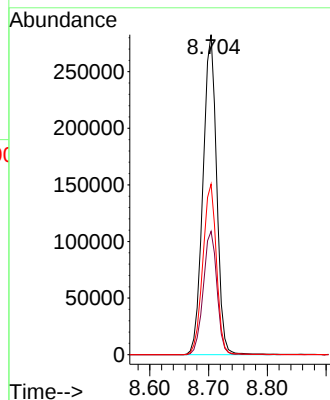
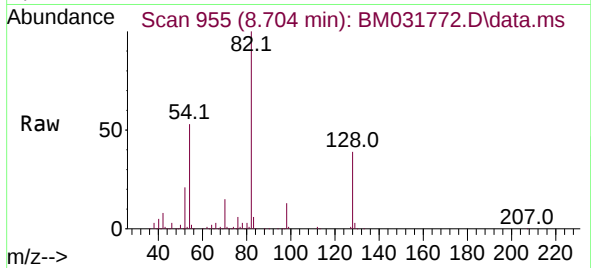




#23
Nitrobenzene-d5
Concen: 86.516 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

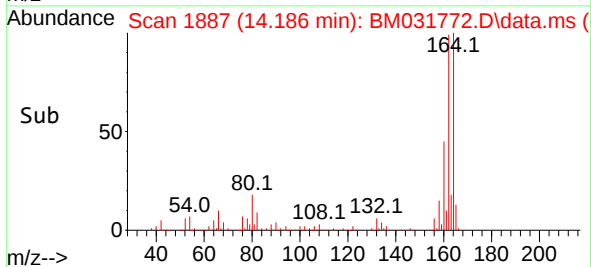
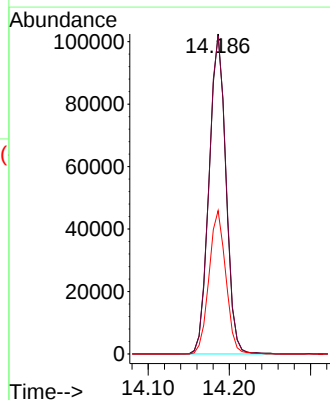
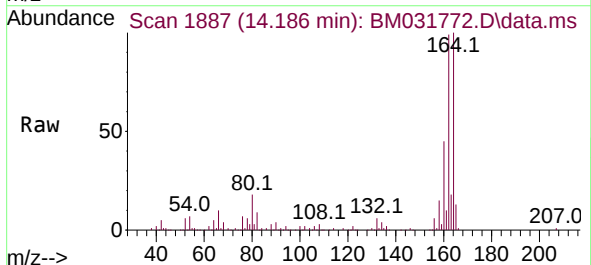
Instrument :
BNA_M
ClientSampleId :
25S

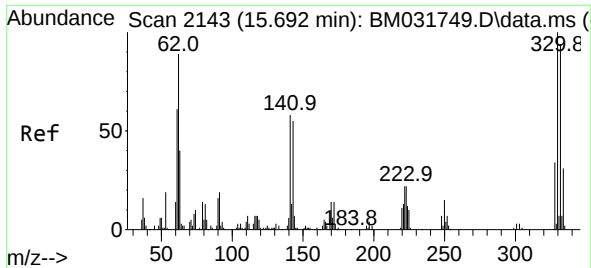
Tgt Ion: 82 Resp: 458437
Ion Ratio Lower Upper
82 100
128 38.5 31.1 46.7
54 53.3 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

Tgt Ion: 164 Resp: 147082
Ion Ratio Lower Upper
164 100
162 99.4 83.4 125.0
160 44.8 37.2 55.8

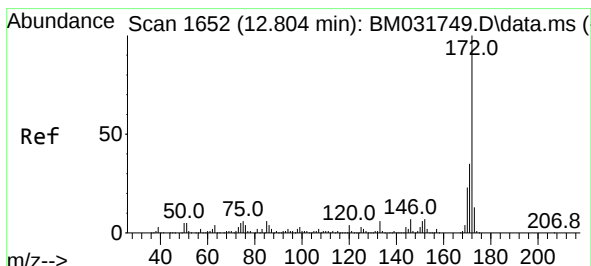
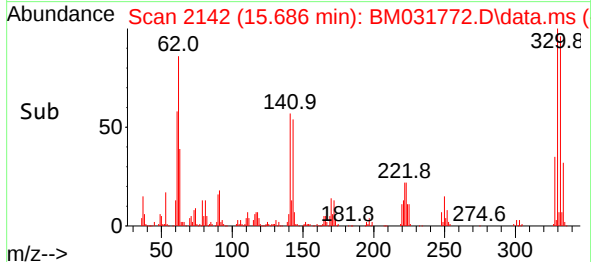
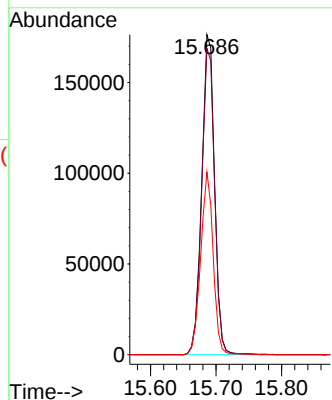
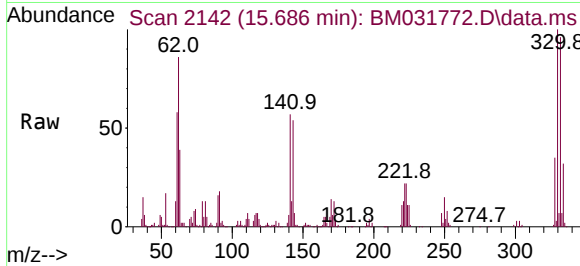




#42
2,4,6-Tribromophenol
Concen: 133.136 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

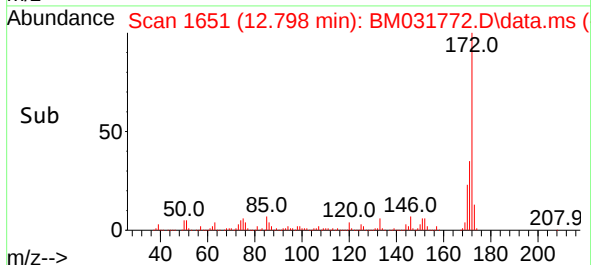
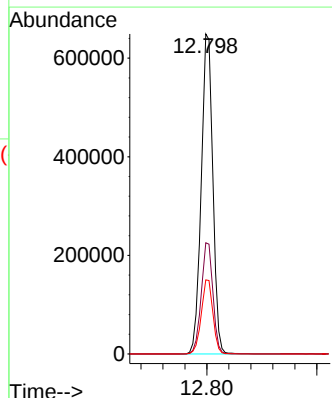
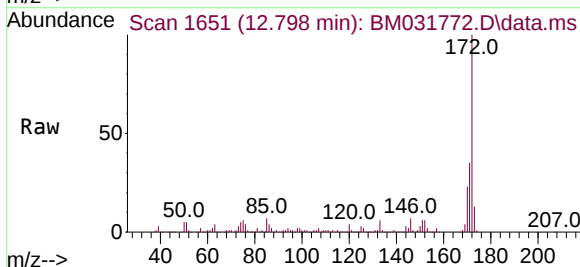
Instrument :
BNA_M
ClientSampleId :
25S

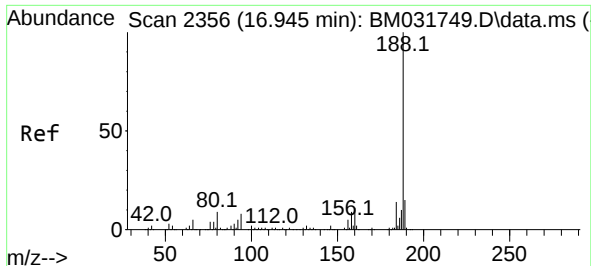
Tgt Ion:330 Resp: 241177
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 55.6 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 86.324 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

Tgt Ion:172 Resp: 953914
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.2 18.4 27.6

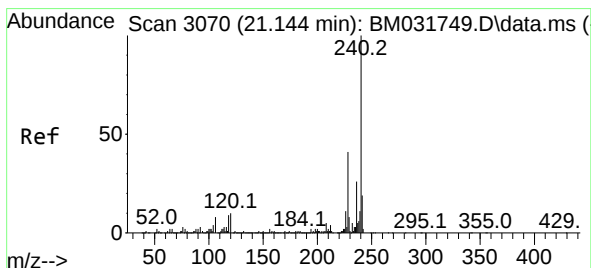
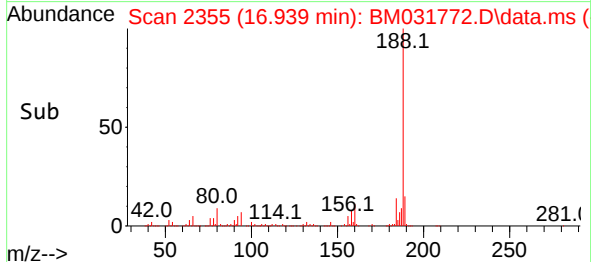
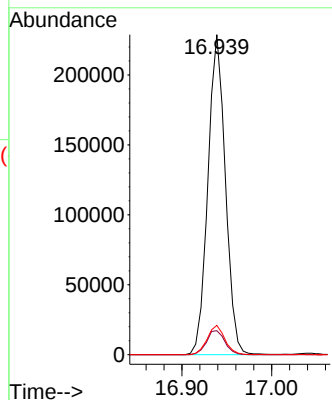
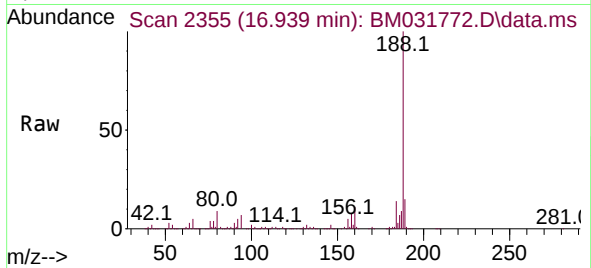




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

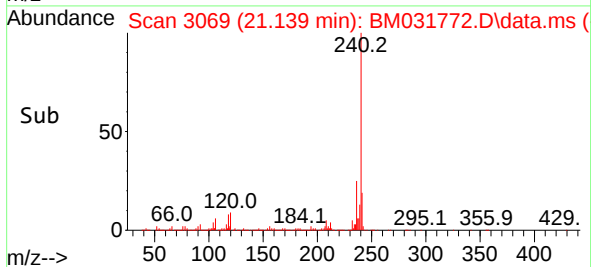
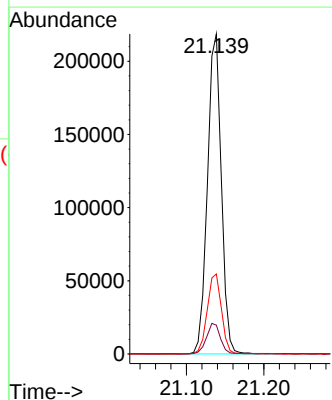
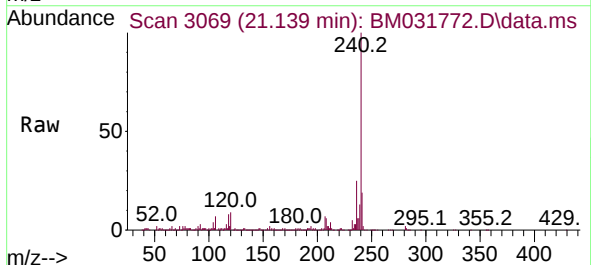
Instrument :
BNA_M
ClientSampled :
25S

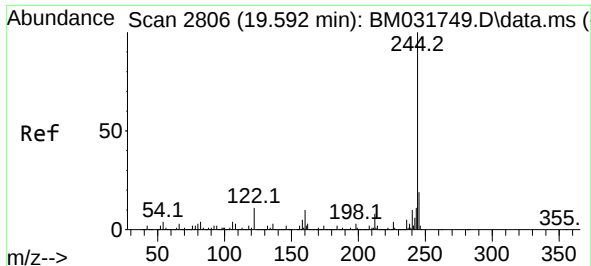
Tgt Ion:188 Resp: 309506
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 9.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM031772.D
Acq: 17 Aug 2021 04:17

Tgt Ion:240 Resp: 271626
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.0 21.0 31.4

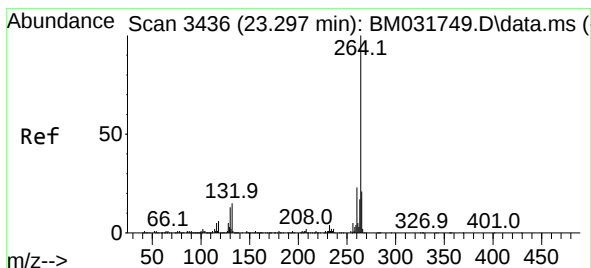
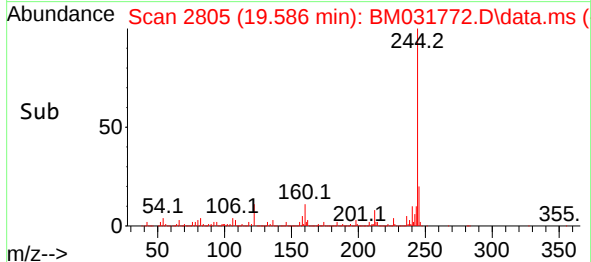
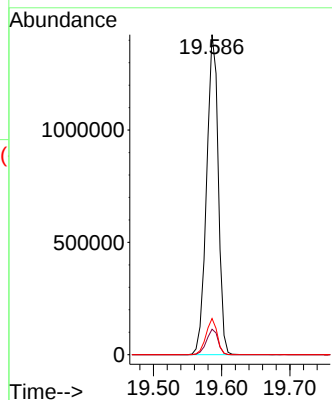
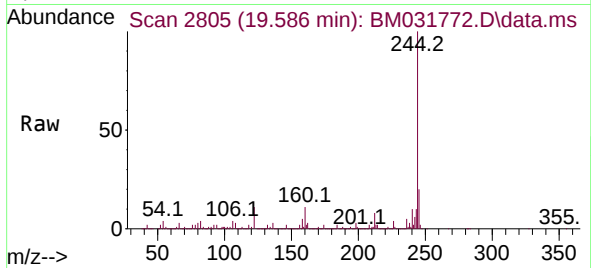




#79
 Terphenyl-d14
 Concen: 105.156 ng
 RT: 19.586 min Scan# 2805
 Delta R.T. -0.006 min
 Lab File: BM031772.D
 Acq: 17 Aug 2021 04:17

Instrument :
 BNA_M
 ClientSampled :
 25S

Tgt Ion:244 Resp: 1695271
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 11.3 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: BM031772.D
 Acq: 17 Aug 2021 04:17

Tgt Ion:264 Resp: 224632
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.8
 265 21.6 17.7 26.5

