

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
 Data File : BM036076.D
 Acq On : 03 Aug 2022 13:54
 Operator : CG/JU
 Sample : N4016-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-ED

Quant Time: Aug 04 01:30:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:50:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

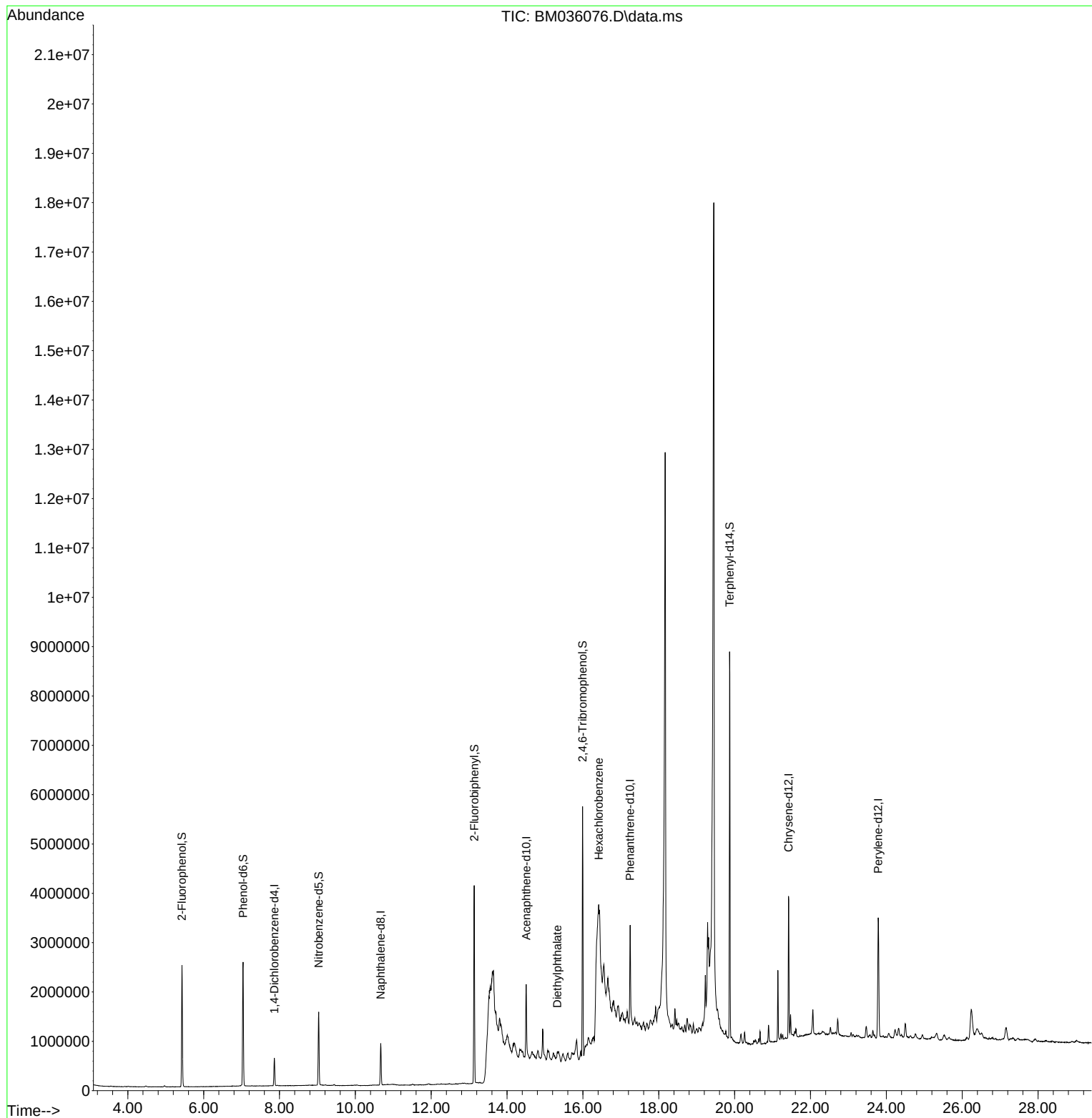
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	154130	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	698711	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	474925	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1087500	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1333106	20.000	ng	0.00
86) Perylene-d12	23.785	264	1700046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1084487	114.075	ng	0.00
7) Phenol-d6	7.039	99	1434699	118.602	ng	0.00
23) Nitrobenzene-d5	9.033	82	821513	65.815	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	924641	165.959	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1960857	60.960	ng	0.00
79) Terphenyl-d14	19.868	244	3607429	53.375	ng	0.00
Target Compounds						
60) Diethylphthalate	15.321	149	66888	2.015	ng	98
68) Hexachlorobenzene	16.415	284	141746	11.357	ng	# 41

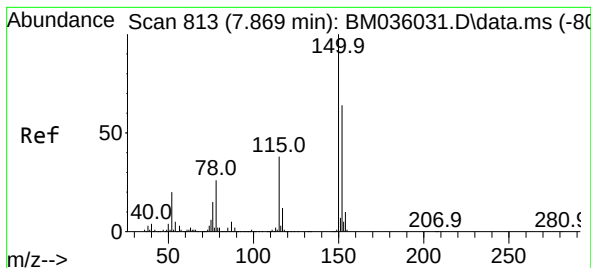
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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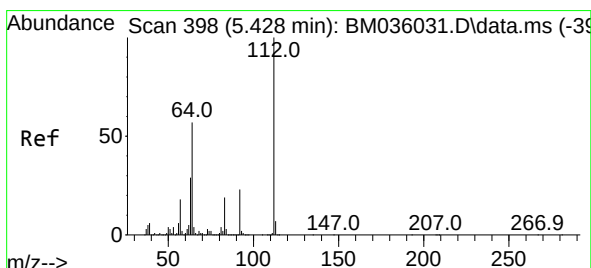
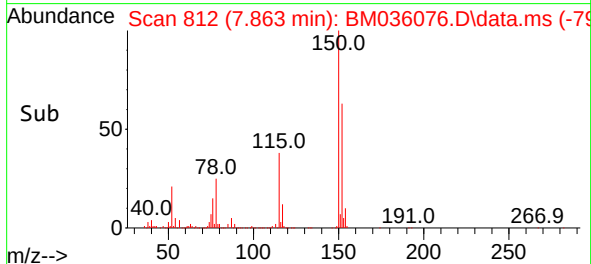
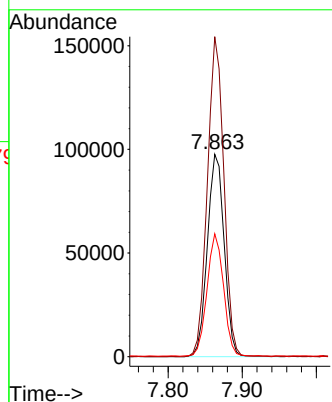
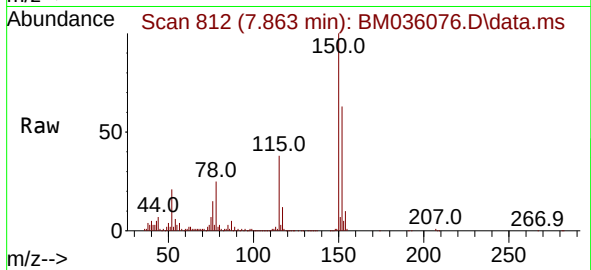




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

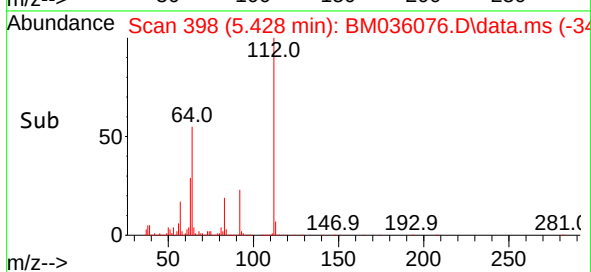
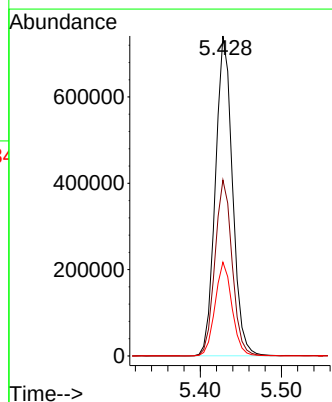
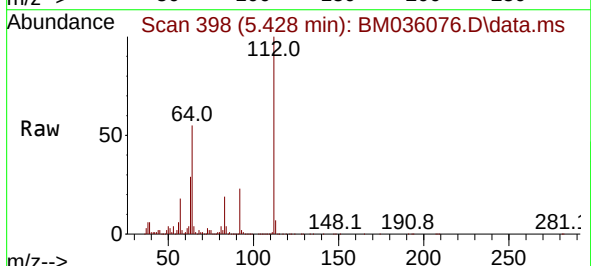
Instrument :
BNA_M
ClientSampleId :
MH-ED

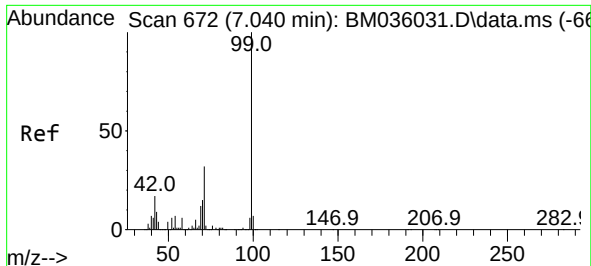
Tgt Ion:152 Resp: 154130
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 114.075 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

Tgt Ion:112 Resp: 1084487
Ion Ratio Lower Upper
112 100
64 55.0 47.8 71.6
63 29.3 26.6 40.0

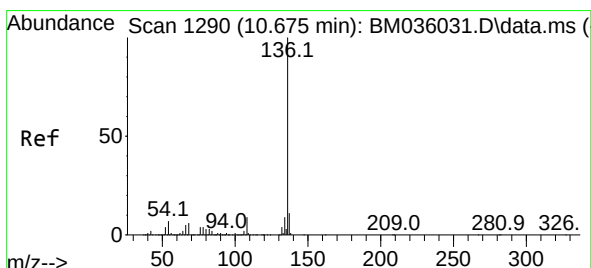
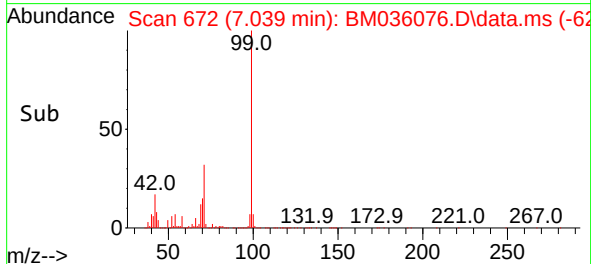
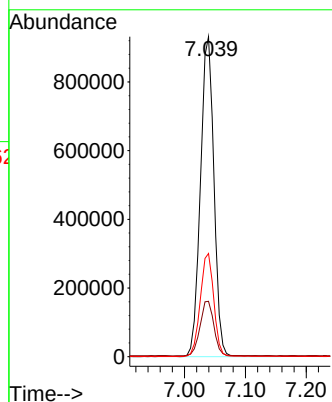
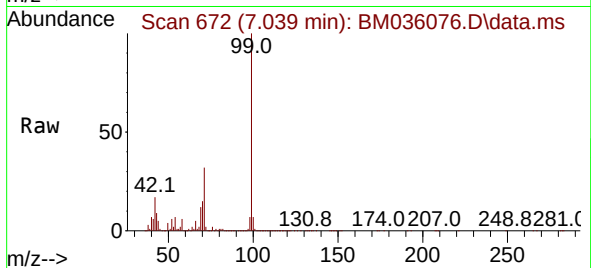




#7
Phenol-d6
Concen: 118.602 ng
RT: 7.039 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

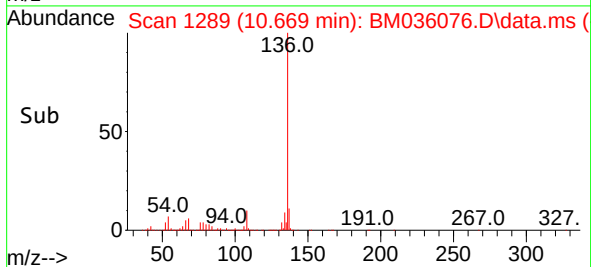
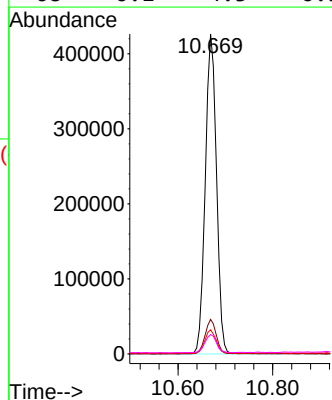
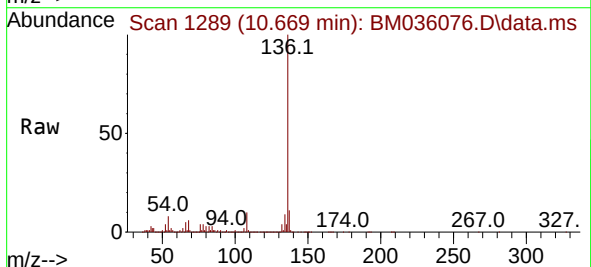
Instrument :
BNA_M
ClientSampleId :
MH-ED

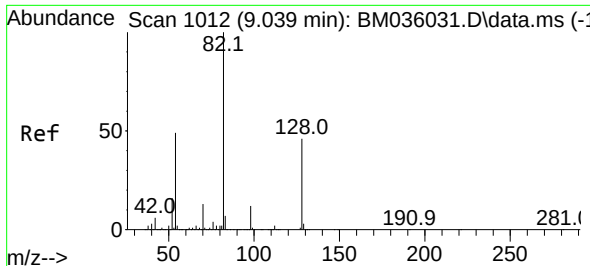
Tgt Ion: 99 Resp: 1434699
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 32.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

Tgt Ion: 136 Resp: 698711
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.0 10.4
68 6.1 4.3 6.5

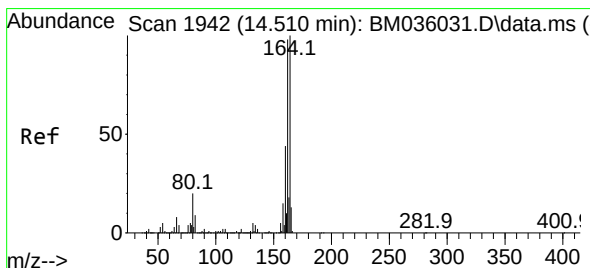
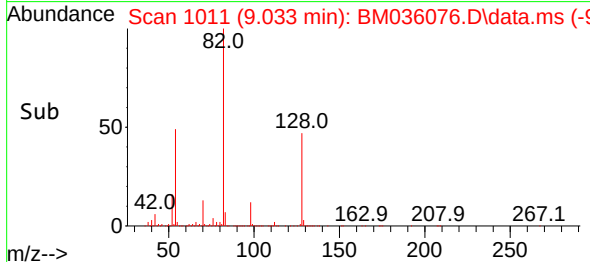
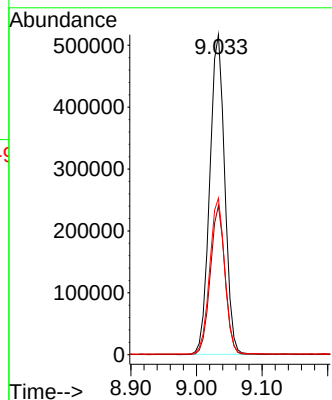
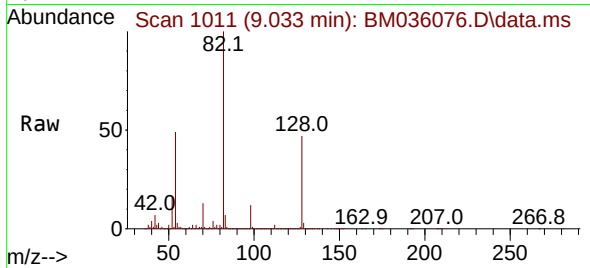




#23
Nitrobenzene-d5
Concen: 65.815 ng
RT: 9.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

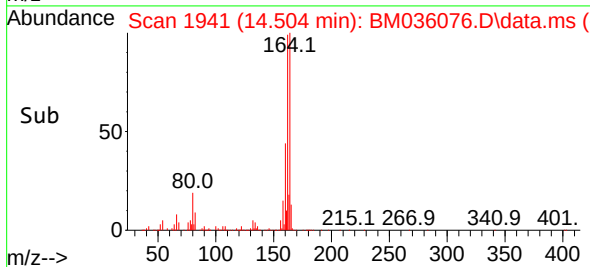
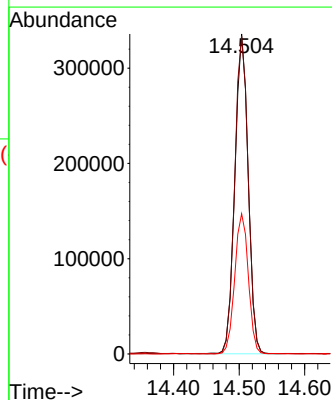
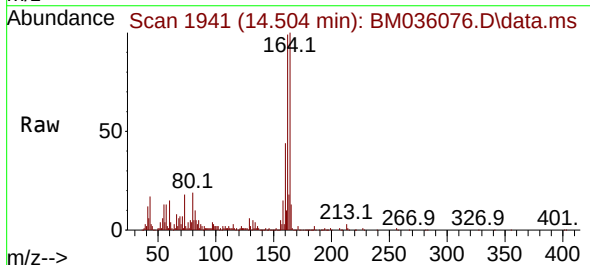
Instrument :
BNA_M
ClientSampleId :
MH-ED

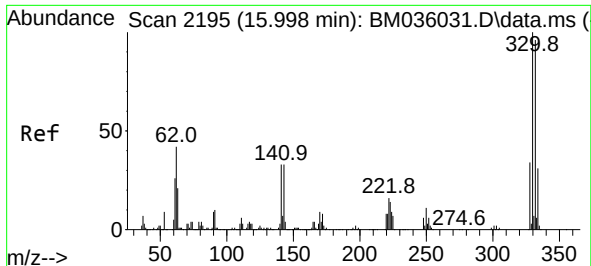
Tgt Ion: 82 Resp: 821513
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 48.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

Tgt Ion: 164 Resp: 474925
Ion Ratio Lower Upper
164 100
162 99.3 83.0 124.6
160 43.8 37.0 55.4

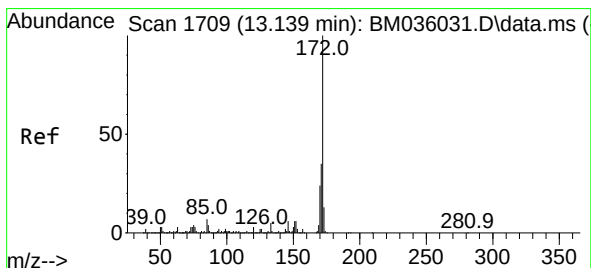
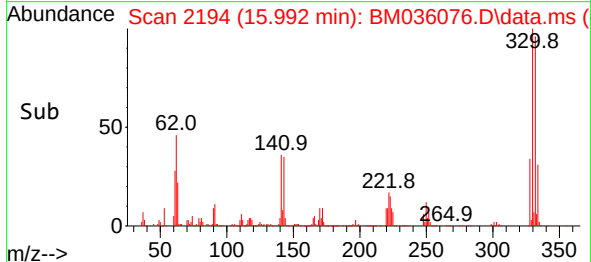
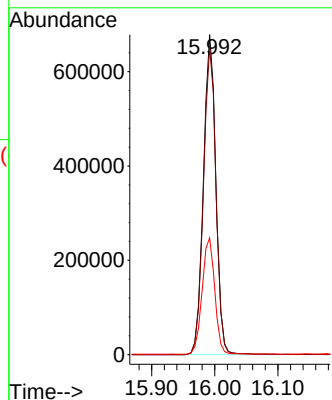
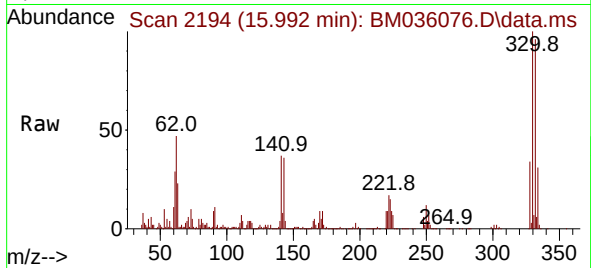




#42
2,4,6-Tribromophenol
Concen: 165.959 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

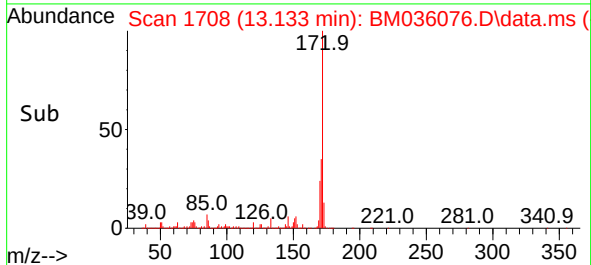
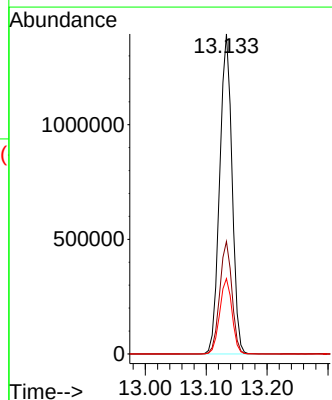
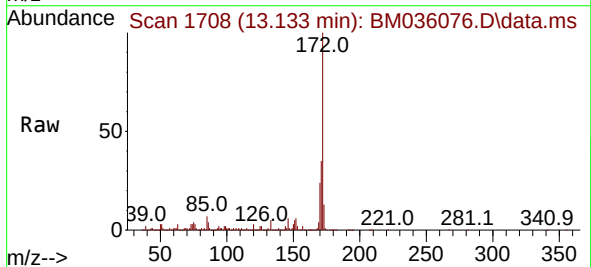
Instrument :
BNA_M
ClientSampleId :
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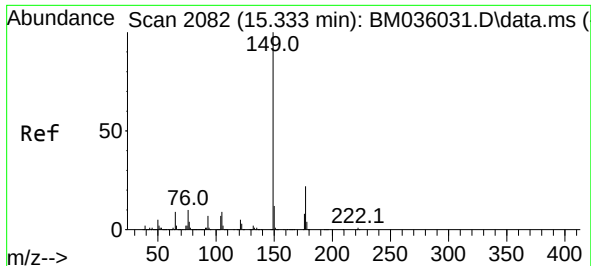
Tgt Ion:330 Resp: 924641
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 36.9 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 60.960 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

Tgt Ion:172 Resp: 1960857
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.5 18.7 28.1

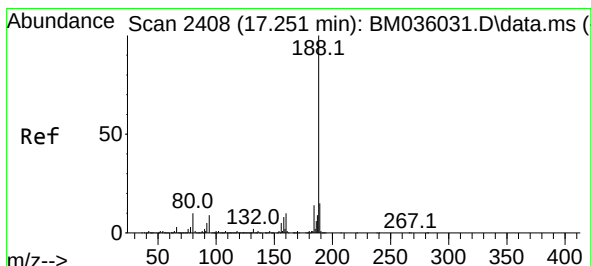
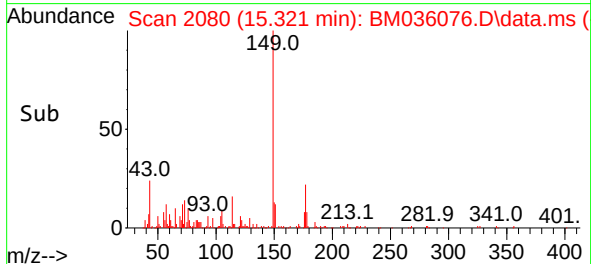
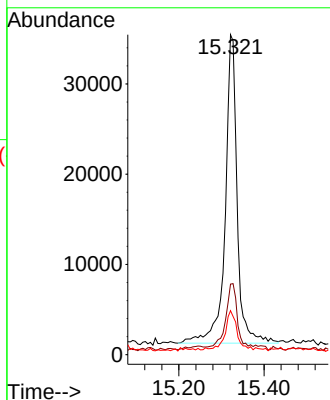
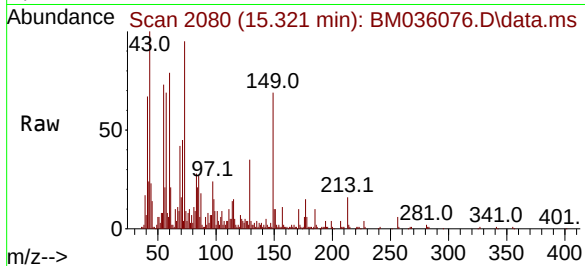




#60
Diethylphthalate
Concen: 2.015 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

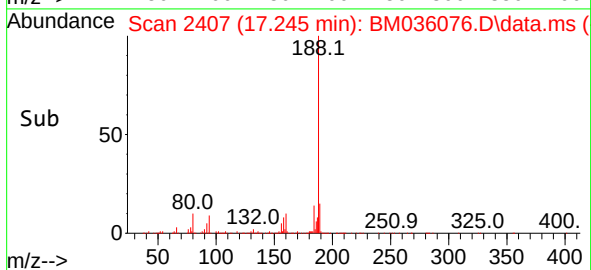
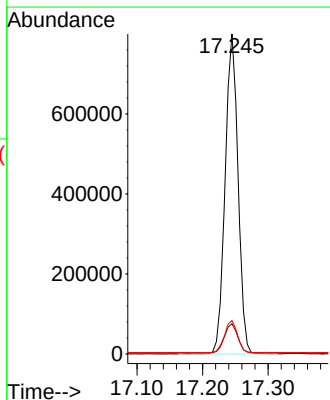
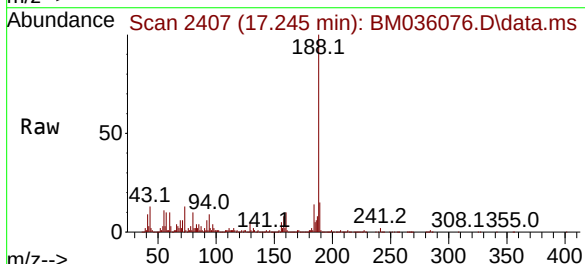
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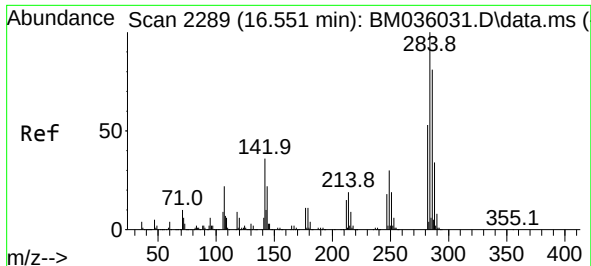
Tgt Ion:149 Resp: 66888
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 13.7 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

Tgt Ion:188 Resp: 1087500
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.4 7.6 11.4

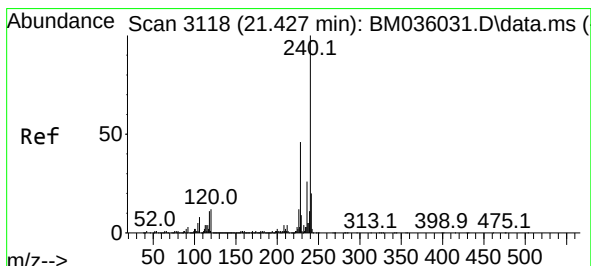
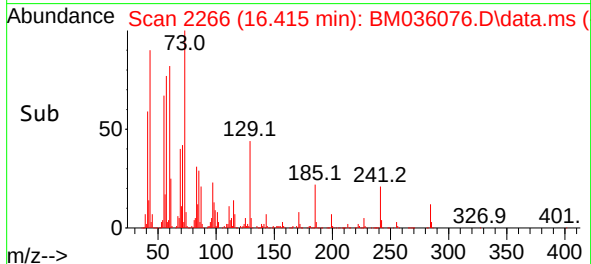
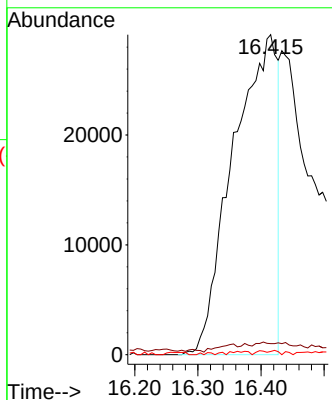
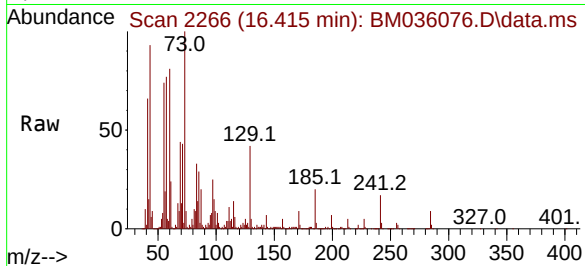




#68
Hexachlorobenzene
Concen: 11.357 ng
RT: 16.415 min Scan# 2117
Delta R.T. -0.135 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

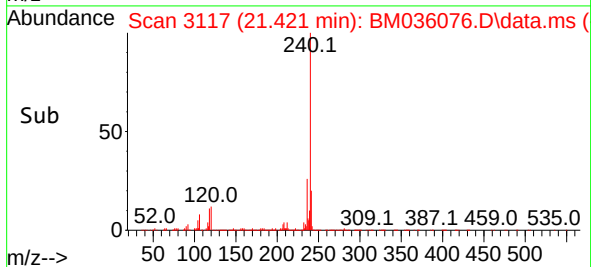
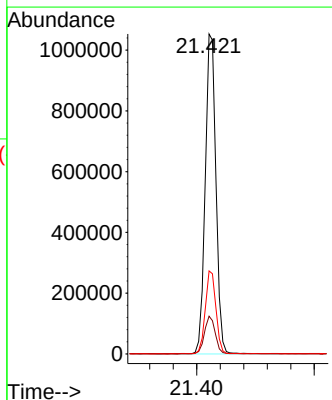
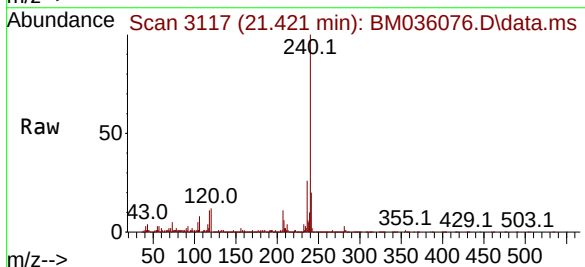
Instrument :
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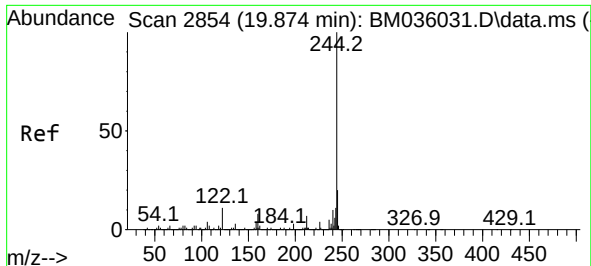
Tgt Ion:284 Resp: 141746
Ion Ratio Lower Upper
284 100
142 3.4 33.6 50.4#
249 1.0 26.2 39.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM036076.D
Acq: 03 Aug 2022 13:54

Tgt Ion:240 Resp: 1333106
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 26.0 20.6 30.8

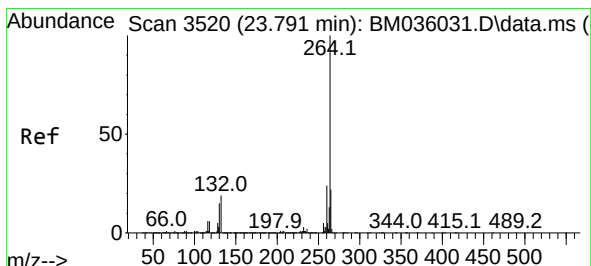
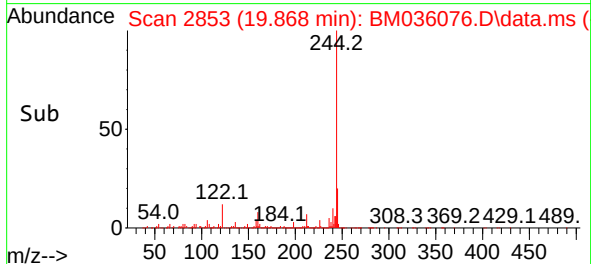
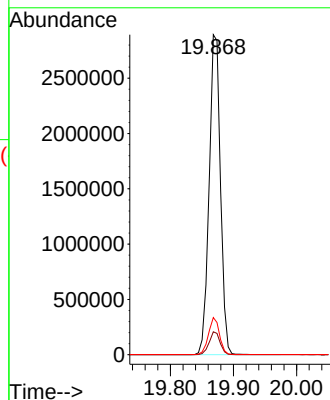
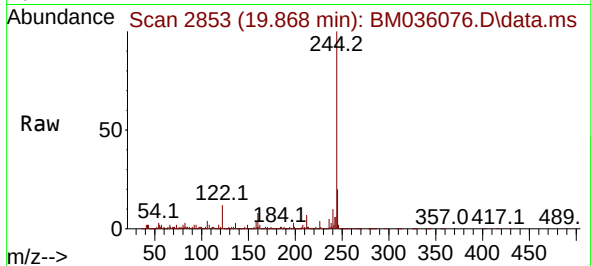




#79
 Terphenyl-d14
 Concen: 53.375 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036076.D
 Acq: 03 Aug 2022 13:54

Instrument :
 BNA_M
 ClientSampleId :
 MH-ED

Tgt Ion:244 Resp: 3607429
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.785 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BM036076.D
 Acq: 03 Aug 2022 13:54

Tgt Ion:264 Resp: 1700046
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.2 17.5 26.3

